

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

GARDEN AND FARM MANUAL

1899



JOHNSON & STOKES.

217 & 219 MARKET ST.



PHILADELPHIA.

Floracraft Seed Gardens and Trial Grounds

"GOOD CROPS CAN BE GROWN ONLY FROM GOOD SEEDS."



OR more than a score of years it has been our constant aim to supply direct to the planter the **Best American-grown Seeds** at fair prices. That we have been successful in furnishing such is evidenced by the fact that our business is to-day the **largest of any house in America** direct with critical market gardeners and experienced growers who plant for profit and who realize the important truth that the **"Best Seeds cannot be the Cheapest."**

In order to attain these results and to make doubly sure that our customers shall receive the **best seeds that the world produces**, we have for all these years maintained and carried on extensive operations, under the personal direction of one of our firm, at our **Floracraft Seed Gardens and Trial Grounds**, located about nine miles from our city warehouses.

Many acres are devoted to the production of **pedigree stock seed**, by expert breeding and improving to ideal types, and higher standards of purity and excellence. This stock seed from selected plants is sent to be grown on our farms in localities where the conditions of soil and climate are best adapted to the perfect development of the particular variety.

Here are also located our **Seed Testing Houses**, where a sample of every lot of seed, whether grown by ourselves or grown for us under contract, is thoroughly tested, in mother earth, for vitality and purity of stock, and only those of satisfactory quality and germinating power are sold. In fact, we leave no stone unturned to gain and hold the confidence of all customers and secure them from disappointment.

Here we also plant each season, for thorough trial, samples of all **"Novelties"** offered by other seedsmen, both in this country and Europe, as well as anything which may be sent us, claimed to be new and superior, by our amateur or market garden customers. By this means we are enabled to satisfy ourselves of the true character and value of any novelty before it can find a place in our Catalogue.

OUR DOUBLE SEED WAREHOUSES

Located on the principal business street of Philadelphia, Nos. 217 and 219 Market St., extending through to Nos. 206 and 208 Church St., are the **largest in the East**, and afford us every facility for the conduct of a large business, being especially arranged to accommodate the various departments of the Seed business. Visitors are always welcome here, as well as at Floracraft or at our various seed farms in Pennsylvania, New Jersey and other States.

OUR CATALOGUE ILLUSTRATIONS PHOTOGRAPHED FROM NATURE

From the beginning of our business career, it has been our constant aim to make each successive issue of our Catalogue more complete and interesting than its predecessor. With this end in view, we were the first Seedsmen, some years ago, to adopt the method of **Photographic Reproduction** on half-tone plates, which has given our **Manual** an unique reputation for truthfulness and accuracy, setting forth actual appearance and real merits without the alluring illustrations and exaggeration that so flagrantly appear in nearly all the seed catalogues published. For this reason some things that are much lauded in other catalogues are omitted. Some do not appear as large or extravagant as shown in the overdrawn cuts of other lists. Is it not better to be disappointed in a picture than in a crop?

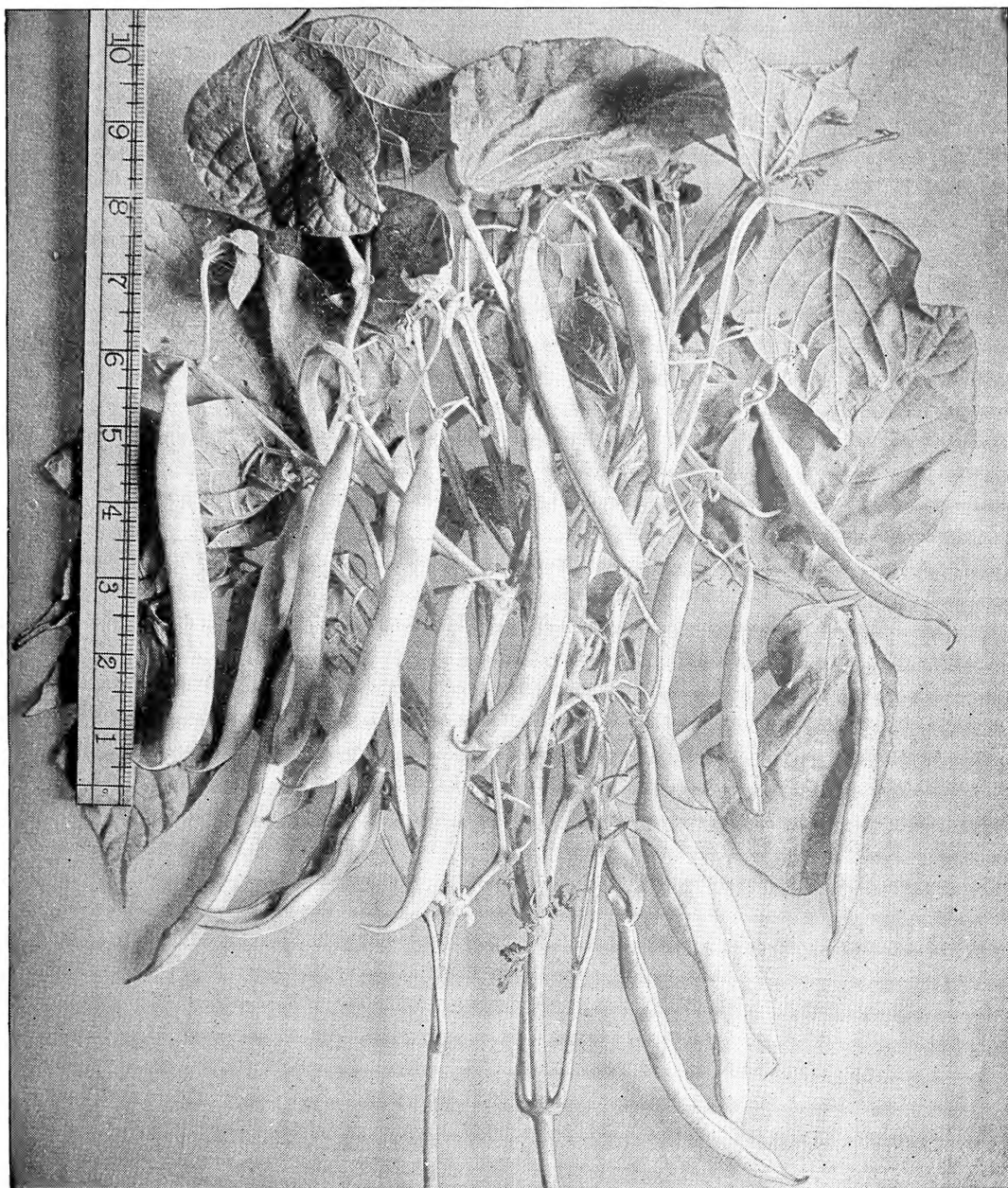
Directions for Ordering, Modes of Remitting and Liberal Discounts will be found on page 14

ADDRESS ALL ORDERS, INQUIRIES, ETC.

JOHNSON & STOKES, 217 & 219 Market St., Phila., Pa.

COPYRIGHTED.—Johnson & Stokes' Garden and Farm Manual for 1899 is copyrighted and all rights reserved.

Novelties and Specialties in Vegetables



New Giant Green Pod Stringless Valentine Bean

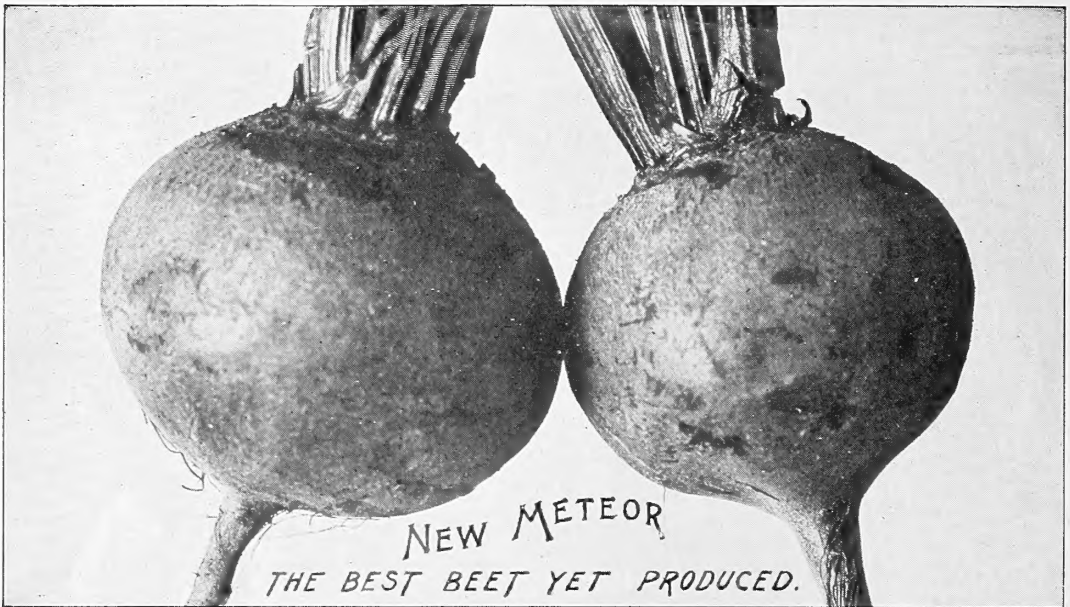
The **Round Pod Valentine Bean** has long been one of the most popular with market gardeners; but, outside of improving slightly the existing type, nothing has been achieved to materially better it. We are, therefore, much gratified in being able to offer this distinct new variety, as one possessing all the merits of the old favorite, and, in addition, has the following points, which greatly enhance its value:

It is ready for market with a more prolific crop of pods two weeks earlier.

The pods are one-third larger, averaging five to six inches in length.

They are always absolutely stringless, round, full, fleshy and very crisp.

No gardener can afford to miss planting the New Giant Valentine in 1899. It is the best Dwarf Green Podded Snap Short ever offered, and is pronounced a wonder wherever it has been tried. Prices: large pkt., 10c.; pint, 35c.; qt., 60c., by mail, postpaid; qt., 45c.; 4 qts., \$1.50; peck, \$2.25; bush., \$8.00, by freight or express.



New Beet for 1899 Now Called *The Meteor*

We distributed last spring several thousand packages of this valuable New Beet among our customers for trial, offering **\$100 in Cash Prizes** for the best name suggested for it. In response to this offer 1,306 of our customers sent in names. We referred these names to a disinterested committee, consisting of the following well-known gentlemen: **Wilmer Atkinson**, editor of the *Farm Journal*, Philadelphia; **Wm. H. Roberts** and **Sam'l L. Allen**, of S. L. Allen & Co., the well-known manufacturers of Planet Jr. implements, all of whom kindly consented to act. After careful consideration, the committee decided to accept the name of "**The Meteor**" for the New Beet, and awarded the cash prize of \$100.00 to the two persons who had sent in that name, viz.: Miss S. Schooley, Lovettsville, Va., and H. M. Young, Fish House, N. J., and we immediately sent our check for \$50.00 to each.

The New Meteor Beet is the result of eight years' hard work and intelligent selection by a successful Philadelphia gardener, who has kept it entirely in his own hands until last season, when we secured his entire stock of seed at a fabulous price. That it is the handsomest in form, best in quality, and a decided improvement over all other deep blood Turnip Beets, will be realized by all who will read the following sample testimonials of over 1,000 received, and regret our limited space will not permit us to publish more of them.

What Others Say of the *Meteor Beet*—Samples of over 1,000 Testimonials

WHAT THE PRESIDENT'S WIFE SAYS.

Miss Fannie Loudermich, Halifax, Pa., Aug. 25, 1898, writes: "New beets are perfection. I sent to Mrs. McKinley, at the White House, a small box of them, and received a week later a kind note from her, in which she stated that the beets were the sweetest and best she ever ate."

BEST IN HALF A CENTURY.

Julius A. Arnold, Piedmont, Kan., Sept., 1898, writes: "I have grown beets for fifty years and find your new beet the best I ever raised. It is the sweetest and tenderest and free from that sponginess possessed by so many."

A BEET THAT CAN'T BE BEAT.

G. W. Boardman, Olney, Pa., writes: "Of all the beets I ever tried to beat, I never saw a beet to beat this beet."

AHEAD OF ALL RIVALS.

Dr. A. V. Wright, Corsicana, Tex., Aug. 27, 1898, writes: "Your new beet led in the market here, away ahead of all rivals. It is the fastest grower, the soundest, handsomest and sweetest of all known varieties."

THE BEST OF NINE OTHERS.

C. W. Kent, Newark, Ohio, July 21, 1898, writes: "Your new beet is by far the finest among nine varieties which I am raising for exhibition at our county and State fair."

BEST IN 30 YEARS' EXPERIENCE.

Willet Scott, Simcoe, Ontario, Canada, Aug. 26, 1898, writes: "Your new beet I found to be the nicest shaped, quickest growth and finest quality of any I ever tested, and I have been a market gardener for thirty years."

FIRST PREMIUM AT NEW YORK STATE FAIR.

O. M. Lincoln, Newark, N. Y., Sept. 7, 1898, writes: "Your new variety of beet received first premium at the New York State Fair just closed; there was a large number of competitors—a great record for a new beet."

FINEST HE EVER SAW.

Rev. S. Irwin Horr, Pipestone, Mich., July 27, 1898, writes: "New beets are the best and finest I ever saw."

SURE TO BECOME FAMOUS.

S. E. Hunt, Hope, Ark., May 1, 1898, writes: "Your new beet is sure to become famous. I have beets that measure nine inches in circumference; they are finest in quality."

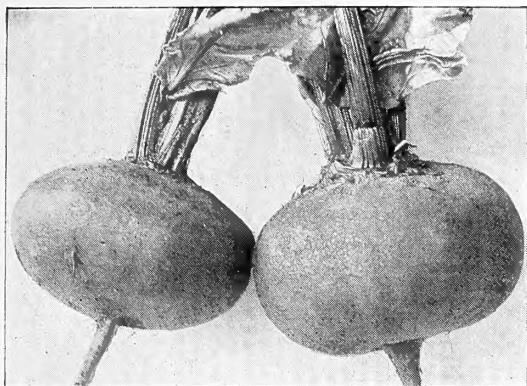
THE EARLIEST OF ALL.

John E. Hall, Dexter, Mich., Sept. 27, 1898, writes: "Your new beet is the finest we ever had; it is extraordinarily sweet and crisp and matures the earliest of all."

STANDS WITHOUT A RIVAL.

C. S. North, Supt. of Education, Raymond, Miss., June 1, 1898, writes: "Your new beet in earliness, smoothness and beauty stands without a rival."

Prices for 1899 of Originator's Seed of The Meteor Beet: Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.



CROSBY'S IMPROVED EGYPTIAN, THE EARLIEST BEET.

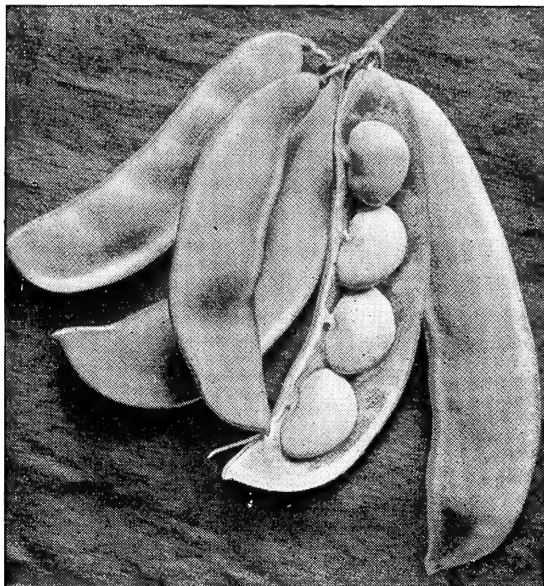
Crosby's Improved Egyptian Beet

Crosby's Egyptian has grown in favor so rapidly that for the past two seasons we were sold out of the seed before the season was half over. It is a very superior strain of the well-known Egyptian, carefully selected for years by Mr. Josiah Crosby, a noted Eastern market gardener. The results obtained were handsome form, good size, few small tops, fine quality, deep blood color, and above all, quick, rapid growth. Takes on its turnip shape and looks well even in the early stages of growth. It does not become woody and tasteless, like the old Egyptian, when allowed to stand a little too long, and may be sown outside as late as July. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid; 5 lbs. and over, 60c. per lb., by express.

Shallercross

Market Queen Lima Bean

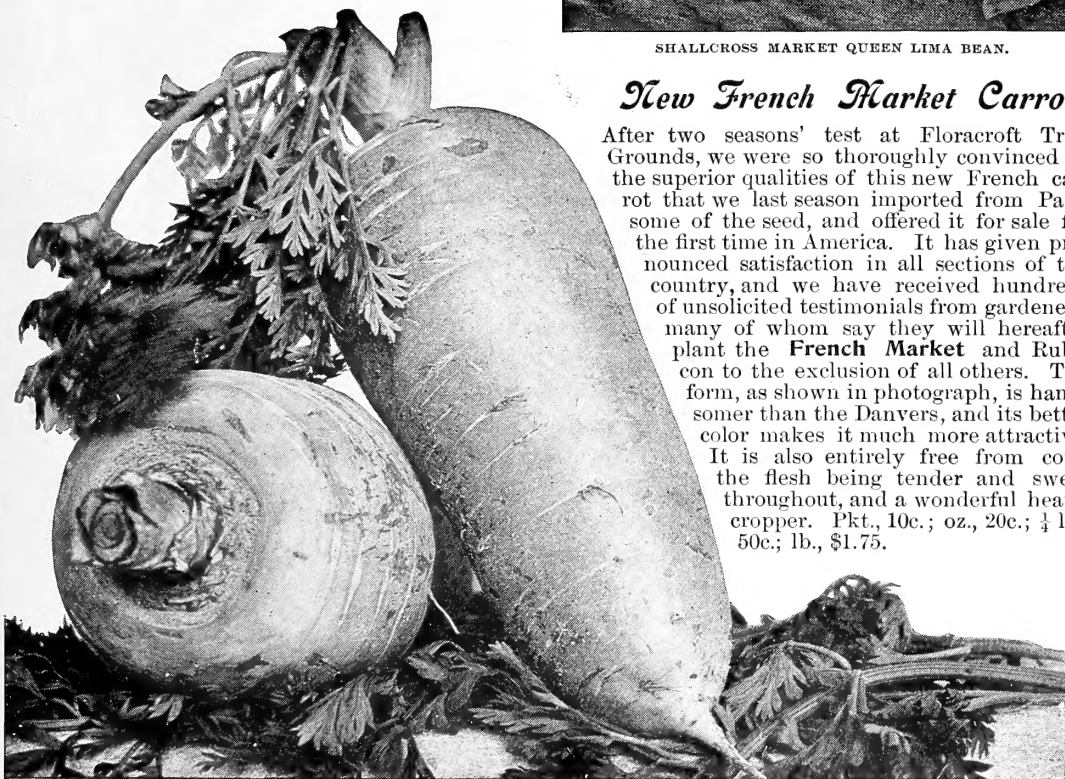
This new Pole Lima Bean, now offered for sale for the first time, was developed after many years' careful selection by Mr. Frank Shallercross, a noted Philadelphia market gardener and Lima Bean grower. While not the earliest, it is, without question, the most prolific of all, bearing its handsome pods in immense clusters as shown in photograph below. The green beans, in size, beauty and quality, are unequalled. Pkt., 15c.; pint, 35c.; qt., 65c., postpaid; qt., 50c.; 4 qts., \$1.75; peck, \$3.00, by express or freight.

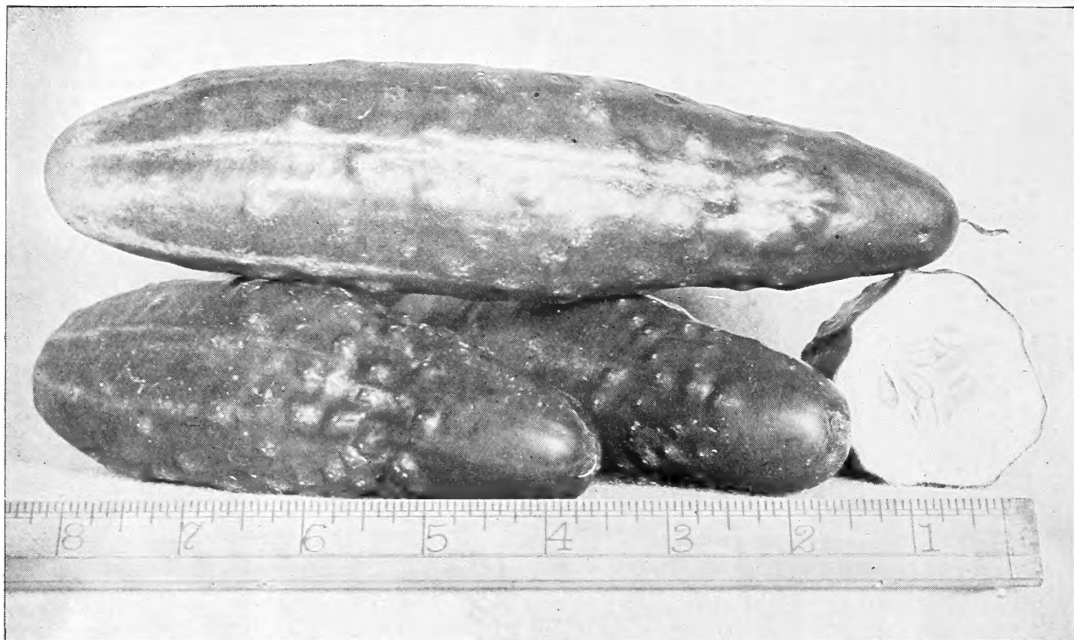


SHALLERCROSS MARKET QUEEN LIMA BEAN.

New French Market Carrot

After two seasons' test at Floracraft Trial Grounds, we were so thoroughly convinced of the superior qualities of this new French carrot that we last season imported from Paris some of the seed, and offered it for sale for the first time in America. It has given pronounced satisfaction in all sections of the country, and we have received hundreds of unsolicited testimonials from gardeners, many of whom say they will hereafter plant the **French Market** and **Rubicon** to the exclusion of all others. The form, as shown in photograph, is handsomer than the Danvers, and its better color makes it much more attractive. It is also entirely free from core, the flesh being tender and sweet throughout, and a wonderful heavy cropper. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.





PHOTOGRAPH OF AVERAGE SPECIMENS OF JOHNSON & STOKES' PERFECTED JERSEY PICKLE.

*Johnson &
Stokes'*

Perfected Jersey

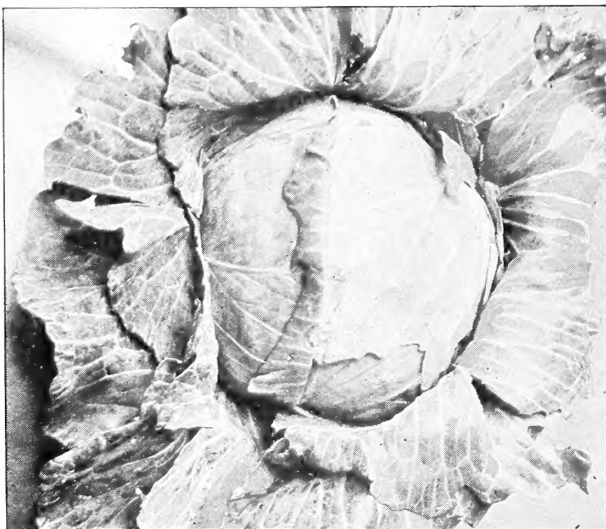


Pickle Cucumber

For many years we have supplied pickle seed to many prominent New Jersey growers in the celebrated pickle district on the Delaware River, about twenty-five miles above Philadelphia, where more cucumbers are grown than in any other section of the United States, over one hundred and fifty thousand bushels being picked and annually put up for commercial pickles in this section.

For this reason we have given unusual attention to the selection and improvement of cucumber seed for pickles, and in this new strain, which is the result of nine years' careful breeding, we

have a strain which is pronounced by growers of 30 years' experience a **perfect pickle** in all respects. Its desirable form and uniform size are well shown in the above photograph. The skin is thin, flesh white, crisp and tender with but few seeds. The vines are strong and vigorous, **bearing continuously** and long after all other varieties have ceased to produce. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25, postpaid, by mail.



NEW EARLY SPRING CABBAGE.

Early Spring Cabbage

A valuable acquisition, being a **round, flat-headed cabbage** as early as **Wakefield**, and one-third more productive. It is of the Early Summer type, heads a trifle smaller, very solid, with few small outside leaves, enabling it to be planted very close; very uniform in shape and size, finely bred and free from any rankness of flavor. Growers will find the **Early Spring** a most profitable variety; by planting 21 inches apart, you can grow 13,500 to the acre. Seed grown by the originator. Very scarce. Pkt., 15c.; oz., 60c.; 4 ounces for \$2.00.



WINTER QUEEN—Showing its Handsome Form, Stocky and Robust Habit.

New Celery Winter Queen

THE VERY BEST LATE KEEPER

Our attention was first called to this remarkable new celery three years ago in the market, where it was selling at high prices in the month of May, after all other celeries were done. After great persuasion and at high cost, we procured from the grower a small quantity of seed, from which our present supply is grown. It is, without doubt, the most valuable variety of celery for winter and spring use ever introduced, far excelling the celebrated *Perle le Grand* and *Perfection Heartwell* as a late winter keeper. It is also much stouter, thicker and heavier, with double the amount of heart of any known celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream white. Ribs perfectly solid, crisp and of delicious nutty flavor.

It is worthy of **first place as a late celery**, and will keep longer than any other variety. Grow *Winter Queen* once and you will grow it always. Pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

New Early Evergreen Sweet Corn

As is well known, the famous *Evergreen Sweet Corn* originated over twenty years ago with Mr. Stowell, a grower for Philadelphia markets; but while one of the best late varieties, no effort has ever been made to improve it in earliness until now. In the **New Early Evergreen** we have a selection possessing every good quality of Stowell's *Evergreen* and resembling it in every respect (see photograph of marketable ears below, made for comparison), except that the stalk is about one foot shorter, more closely jointed, and that it will mature for market in eighty days, or fully ten days earlier. Could anything better be wished for? And we can, without qualification, recommend it as the very best sugar corn in existence. No other sweet corn will find ready sale in a market which is supplied with *Early Evergreen*, and the market gardener who wishes to get the cream of the trade or the home gardener who wants his table supplied with the best should make their plantings of this splendid novelty. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid; qt., 30c.; 4 qts., 80c.; peck, \$1.35; bush, \$5.00, by freight or express.



STOWELL'S EVERGREEN.

NEW EARLY EVERGREEN.

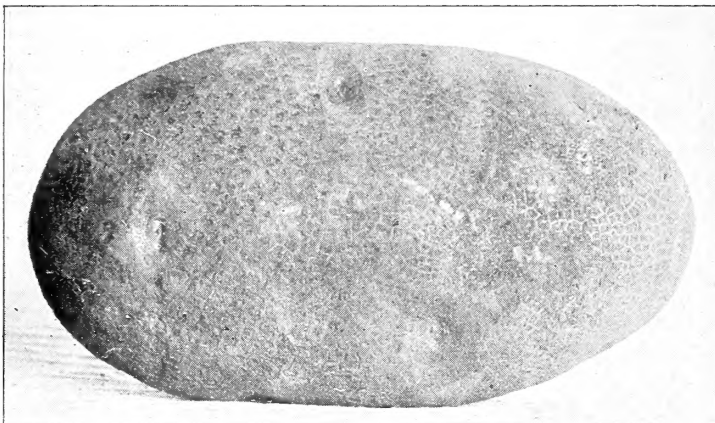


Photograph of our field of MYER'S "ALL RIGHT" LETTUCE, showing its uniform handsome growth.

Myer's "All Right" Lettuce

Five of the most popular Lettuces among the market gardeners of the United States to-day were first introduced by us, but none of our previous introductions have met with so much enthusiasm or brought us so many letters of high praise as the Myer's "All Right," the seed of which we offered for sale last season for the first time. It originated with Henry Myers, the well-known Philadelphia market gardener, who is noted for having the finest lettuce in this market, his product always realizing almost fabulous prices. It is the most desirable variety for forcing in frames and equally valuable for open ground planting, always producing beautiful, large, solid heads of the most crisp and tender quality, and at all seasons of the year. Per pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

New Potato—The 20th Century



An Average Tuber of the 20TH CENTURY, a Perfect Russet Potato.

Our attention was called to this New Potato by one of the largest growers of Genesee County, New York, and after thoroughly testing it the past season, we can recommend it as possessing as many desirable qualities as any main-crop potato we have ever grown. As indicated by its beautiful russet skin, its cooking qualities are very superior, white, dry and floury. It is a large yielder, and its shape and size are very uniform. A vigorous grower, free from disease. It is an ideal potato, and its superb quality and handsome appearance will create a demand for seed in 1900 of all that can be grown in 1899. Per lb., 40c.; 3 lbs., \$1.00, postpaid; peck, 75c.; bush., \$2.25; barrel, \$5.00, by freight.



New Triumph Watermelon

This new Melon has created quite a furore among Southern shippers the past two seasons on account of the very high prices realized by the few who have grown them. **Triumph** is a cross between the **Duke Jones** and **Kolb Gem**, having the handsome dark green color of the former and the fine shipping qualities of the latter, but infinitely superior in flavor and grows much larger than either. Mr. D. H. Gilbert, a large Florida grower, writes us he gathered from half an acre 523 melons, weighing over 43 lbs. each, with no small melons on the vines. The *Monticello Constitution* publishes the weights of 4 prize Triumph Melons, grown in Georgia, at 99 lbs., 95½ lbs., 91¾ lbs and 89 lbs. respectively. Prices, selected seed, pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.



ROCKY FORD. The Great Colorado Nutmeg Melon.

Rocky Ford Muskmelon

Improved Netted or Rose Gem Strain

In the past few years Colorado has developed into a great melon-growing State. In 1898 over 800 carloads of these now celebrated **Rocky Ford** Muskmelons were shipped, reaching almost every large market in the United States, realizing handsome profits, owing to their fine quality and appearance. "Never breaking down in shipping." Nineteen carloads of these melons were also sent to the Omaha Exposition by the Rocky Ford Growers' Association as an advertisement. Rocky Ford is unquestionably one of the best early melons in existence for market gardeners and shippers, as well as for the home garden. Selected seed, pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.



Section of our Field of BLACK BOULDER Watermelons—Aaron Paul, the originator, on the right.

Black Boulder—The Best Watermelon for Market

See also Colored Illustration on Back of This Book

For this grand new and distinct watermelon we are indebted to Aaron Paul, the veteran melon grower of New Jersey. Its uniform symmetrical shape and wonderful productiveness are shown in our field photograph above, giving one the impression at a distance of a field of great boulders, from its mammoth size and rich dark green, almost black, color. It cuts equal to any melon we have ever eaten, and its shipping qualities are superior to Kolb Gem or Johnson's Dixie, which is certainly high praise, but this melon deserves it. While it is sure to become the leading melon for market, it is one of the best "all round" melons in existence, and for the family garden it is also without a peer. Price of seed grown by the originator, pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



PAUL ROSE. Showing its thick flesh and small seed cavity.

New Red-fleshed Muskmelon

Paul Rose or Petoskey

The Paul Rose is a cross of the Osage with Netted Gem. It possesses the fine netting of the Gem, and averages about the same size; but owing to the great thickness of its beautiful salmon-colored flesh will weigh at least one-third more than a Netted Gem of the same size. The size is much more convenient for packing in baskets than the Osage, while as a shipper and long keeper it surpasses all other red-fleshed melons. In Chicago and some other Western cities, where there is a good demand for the red or salmon-fleshed varieties, the Paul Rose sells at double the price of other sorts. Market gardeners who grow red-fleshed melons will find the Paul Rose their most profitable sort, while for the home table nothing better could be desired or obtained. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Extra Early Red Globe Danvers Onion

This beautiful new onion, which we offered last spring for the first, will undoubtedly become the most popular of all red onions. Its extreme earliness has been a great surprise to us as well as to all market gardeners who have grown it. It is of perfect globe shape, resembling the Southport Large Red Globe in its rich purplish-crimson color, but is ready for market several weeks ahead of that variety, and is unquestionably the earliest American red variety ever introduced, and one of the best keepers. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 5 lbs. and over, \$2.40 per lb.



Australian Brown—A Valuable New Long-keeping Onion



AUSTRALIAN BROWN. New Long-keeping Onion.

This new onion, recently introduced into the United States, has met with wonderful success, succeeding admirably, and is pronounced the best keeper of all onions. The shape and size are well shown in our photograph alongside. The outside skin is of a deep amber brown, distinct from all other onions, extremely hard and firm, of fine flavor and will keep almost indefinitely. Australian Brown is the only onion Australian growers will plant. We offer choice American-grown seed from the original importation. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75; 5 lbs. and over, \$1.60 per lb.

New crop 1898 Seed of Best American Onions will be found on pages 42 and 43

We especially recommend our **Philadelphia True Yellow Globe Danvers** as the best yellow onion, of true globe shape and uniformly perfect.

Our **Round Yellow Danvers Onion** is of the true round type and not a mixture of round and flat onions as is generally sold for this variety.

Our **Philadelphia Yellow Dutch or Strasburg** is the best for growing sets, which are always round, plump and handsome.

Our **American Extra Early Pearl** is the earliest of the White Onions, very mild and wonderfully large and fine.

The **Rhode Island Yellow Cracker Onion**, first introduced by us a few years since, will be found the earliest yellow onion.

NOVELTIES FOR 1900

GIVEN FREE FOR TRIAL

\$300.00

FOR THEIR NAMES

We have three splendid novelties, which we propose to introduce in 1900, namely: **A New Lettuce from California**, a **New Tomato** from a New Jersey specialist, and a **New Cucumber from Nebraska**, all of which will be found described on page 13. These novelties are not for sale, but will be included in all **\$1.00, \$2.00 and \$3.00 orders** from this catalogue, and we feel sure that under the thorough trials that will be made this season in every section we will be able to recommend them heartily in our **Manual for 1900**.

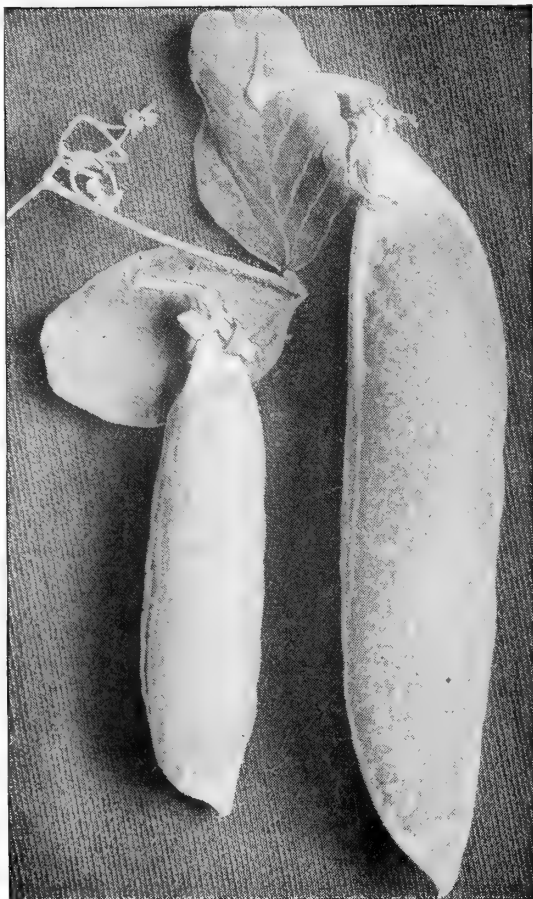
We also offer **\$300.00 in 33 Cash Premiums** for the best names suggested for these three valuable novelties, as per conditions of competition on page 13.

Gradus or Prosperity Pea

A New First Early Wrinkled Pea

A new early and hardy wrinkled variety of the highest type of perfection; grows 2½ feet in height, is a vigorous grower; of light green color; pods and grain of very large size, closely resembling **Telephone**. The result of our experiments with this Pea at **Floracraft Trial Grounds** during the seasons of 1897 and 1898 was an utter surprise in finding a green wrinkled variety with a pod so large as the **Gradus** produces, to mature only three days after **Johnson & Stokes' Extra Early**, hence we claim it to be the **earliest** wrinkled pea known. Our photograph alongside, made at Floracraft, shows the large pod of **Gradus** in contrast with our **Johnson & Stokes' Extra Early**, both pods being natural size. The large pods produce from 6 to 8 peas of enormous size, which, when cooked, retain their beautiful soft green, and are sweet, rich and mellow. The **Gradus** has taken the highest award and first-class certificate at the Royal Horticultural Society, England.

In the **New Gradus Pea** the great problem of combining fine quality and productiveness with earliness in Pea culture seems to have been solved, and it behooves every progressive gardener to give it a trial. Per pkt., 10c.; pt., 35c.; qt., 70c., postpaid; qt., 55c.; 4 qts., \$2.00; peck, \$3.50, by freight or express.



JOHNSON & STOKES' EXTRA EARLY. GRADUS.
Photograph of Pods, Natural Size, Showing Contrast.

A New Field Pumpkin—The Big Tom



The field of **BIG TOM PUMPKINS** from which our seed was saved.

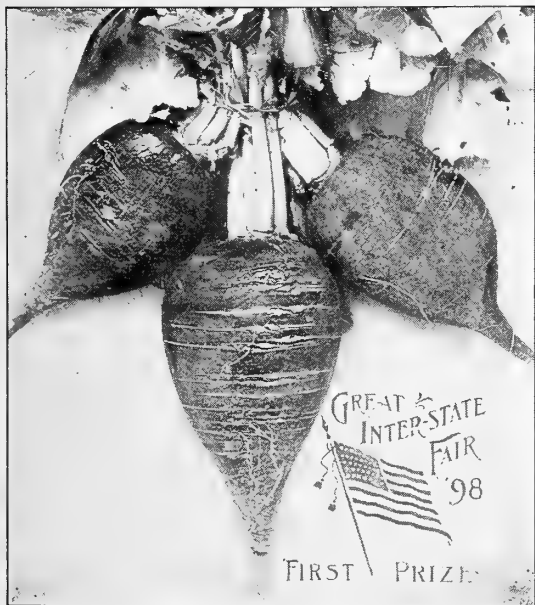
This grand new pumpkin, the seed of which we now offer for the first time, is the result of many years' selection from the old **Golden Marrow** or **Michigan Mammoth** pumpkin. So carefully has the selection been made that the **Big Toms** will run uniformly to more than twice the size and weight. Their fine shape and size are well shown in the photograph of field which produced over twenty tons to the acre. The skin and flesh are of a deep, rich orange color, of excellent flavor for pies, etc., cooking soft and tender. For table use and stock feeding no more profitable or better variety can be grown. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.



New Round Scarlet China

AN ALL-SEASONS RED RADISH

This new variety of the China Radish may be sown at intervals from spring until autumn. Matures in from six to seven weeks, and is much hardier than most other varieties. Valuable as a winter radish, as well as for summer; with pure white flesh of a most agreeable flavor. Its handsome round shape, rich scarlet color, pure white flesh, wonderful habit and quality have commended it to many gardeners who are now growing it with great profit. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.



Improved Half-Long Black Spanish Radish

This new sort, as shown in photograph above, is intermediate in shape between the old Round and Long Black Spanish, and much superior to either. Flesh mild, very crisp and sweet, never pithy, and is decidedly the best of all the black radishes. If stored in damp sand in the cellar they will keep all winter. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



Double Quick White Forcing Radish

This valuable new and distinct variety, the seed of which is now offered for sale for the first time, bears the same relation to the white radishes as the Wood's Early Frame and the Philadelphia Gardeners' Long Scarlet do to the red radishes, being nearly as early as these well-known red sorts; while the shape, as shown in our photograph above, is one long sought for in a white forcing radish. The color is a rich waxy white; flesh mild, crisp, tender and free from any woodiness, even if allowed to remain ten to fifteen days after being fit to pull. It is the very best general purpose white radish introduced since the introduction of our celebrated Felton's White Box Radish, and is surely destined to become a leader. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

WE DELIVER FREE BY MAIL

The Postal Law governing the transmission of seeds through the mail provides for the sending of any quantity so long as no package weighs over four pounds. Thus forty pounds can be sent in ten packages. This is a great convenience to purchasers, as **we pay the postage and deliver free** to any post-office in the United States all **Vegetable and Flower Seeds** at prices quoted by the packet, ounce, $\frac{1}{4}$ lb., lb., pint or quart, enabling those at a distance to procure their supplies just as cheaply as though they called at our store in person.



Average specimens of THE EARLY BIRD TOMATO. See also colored illustration on back of this book.

New Tomato for 1899 Now Called The Early Bird

THE EARLIEST TOMATO IN THE WORLD. A REAL WONDER

This new variety, the seed of which is now offered for sale for the first time, gave such remarkable results in our trials at Floracraft in 1897 that we last season distributed free among our customers 5,000 trial packets, at the same time offering \$100 in Cash Prizes for the best name suggested for it. After careful consideration of all the names sent in, the committee, consisting of Wilmer Atkinson, Sam'l L. Allen and Wm. H. Roberts, all well known in the agricultural community, decided on the name "**Early Bird**," which was sent in by the eleven persons whose names and addresses appear alongside, among whom the prize money was equally divided. Not since the introduction of our Atlantic Prize in 1889 has any new tomato created such a sensation among growers as this one. Its great earliness, fine size, smoothness, firmness, beautiful bright pink skin and wonderful productiveness are far beyond what the most enthusiastic growers ever expected to realize.

The Prize Winners



Harry McConnell, Drakesville, Iowa.
H. A. Wetmore, Tuscan, Arizona.
H. L. Barnes, Fort Washington, Pa.
Ruth L. Hall, Glendale, Md.
M. Murry, Kidder, Mo.
Mrs. Frank Dovel, Pickerington, Ohio.
John D. Sanger, East Woodstock, Conn.
Allen Brennen, Muddy Creek, Pa.
Charlotte Story, Greenville, N. Y.
Mrs. Maud A. Suntz, Attica, Ind.
W. F. McCord, North East, Pa.

The Marvel of the Age. Read below a few of over 1,000 Testimonials Received

FROM MINNESOTA

N. C. Hoffman, Maple Plain, Minn., Sept. 1, 1898, writes: "New Tomato, 1899, proved to be three weeks earlier than any of six other kinds planted at same time and grown side by side. This new tomato stood the drought better than any of the rest and produced marvelously."

FROM ARKANSAS

G. B. McKaighan, Hardy, Ark., Aug. 22, 1898, writes: "Your New Tomato, 1899, is the earliest I have ever seen. I sowed the seed May 10th, and had ripe tomatoes the 10th day of July. I pronounce this the earliest and best tomato in the world."

FROM TEXAS

R. J. Higgins, Beaumont, Texas, July 25, 1898, writes: "New Tomato grows very large. I had a cluster of just three which weighed $3\frac{1}{2}$ pounds. Knocks all others clean out of sight in earliness."

FROM TENNESSEE

C. Barrondale, Lucilla, Tenn., July 20, 1898, writes: "I have never had as fine a tomato nor one so early in my 40 years' gardening experience than this new one of yours."

FROM ALABAMA

C. M. Ingersoll, Bayou Labatre, Ala., May 16, 1898, writes: "I thought I had the earliest tomato, but this new one of yours is a month earlier. It outyields any I ever saw; a perfect surprise."

FROM NEW JERSEY

Andrew M. Rocap, Bridgeton, N. J., Sept. 1, 1898, writes: "New Tomato, 1899, is a month earlier than any other, ripening in 80 days from seed. First and foremost in quality and productiveness."

FROM MISSOURI

E. Nollister, Wellston, Mo., Aug. 27, 1898, writes: "New Tomato, 1899, fruited in advance of tomatoes set a month previous in the field. The large tomatoes are a handsome pinkish purple in color. The vines are very vigorous and more productive than any other."

FROM MASSACHUSETTS

Geo. W. Almy, Jr., Newtonville, Mass., July 28, 1898, writes: "I have kept a record for ten years on tomatoes and find this new one far earlier and much superior to all others. I had your tomatoes this season before I had cucumbers, which is something never known here before."

FROM CALIFORNIA

John Allbrington, Hillsdale, Cal., July 24, 1898, writes: "New Tomato is finest ever grown in this State; all other tomatoes could not stand the hot season here, and many rotted badly, but this new variety stood up wonderfully, absolutely free from rot and proved a great success. The only tomato for California."

Prices, choice seed of **The Early Bird Tomato**: Per pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25;

Please take this out and use in ordering.

ORDER SHEET
—FOR—

Johnson & Stokes' Tested Seeds, Plants, Bulbs, Etc.

DIRECTIONS FOR ORDERING SEEDS POSTPAID BY MAIL

At prices given in this Manual, we send all Vegetable Seeds by the packet, ounce, quarter pound, pound, pint and quart, and all Flower Seeds, by Mail, postage prepaid, without any extra expense to the purchaser. If you order Vegetable Seeds by the pound, and Beans, Peas and Corn by the pint or quart, to be sent by freight or express, at your expense, you are entitled to deduct 10 cents per pound and 15 cents per quart from our prices.

We guarantee all shipments of Seeds, Bulbs, Plants, Implements, Live Stock, etc., shall reach the purchaser safely and in good condition.

Letters always reach us if addressed simply "JOHNSON & STOKES, PHILADELPHIA, PA." Extra Order Sheets and Return Envelopes sent on application.

Please order Flower Seeds by the numbers.

HOW TO SEND MONEY CASH SHOULD ACCOMPANY THE ORDER

We will be responsible for money sent to us by P. O. Order, Express Money Order, Bank Draft, Express, or by Registered Letter. Every postmaster is required to register any letter on payment of 8 cents extra postage. The cost of remitting may, on all orders over \$1.00, be deducted from amount sent.

Amounts of \$1.00 or less may be sent by ordinary letter. When notes are not obtainable, or to make proper change, we accept postage stamps the same as cash. Any denomination will be accepted, but we prefer our customers to send two-cent stamps when convenient, as we use more of these than any others.

Names of persons and places, though familiar to writers, are often puzzling to others, hence write very plainly. Always sign the same name, when sending additional orders, and give full name, town, county and State.

FORWARD BY { State on this line whether wanted
by Mail, Express or Freight. }

YOUR NAME,

POST-OFFICE,

COUNTY,

STATE,

EXPRESS OR
FREIGHT OFFICE, }

Amount Enclosed.

Post-Office Money Order, \$

Express Money Order,

Bank Draft,

Cash, Notes and Silver,

Postage Stamps,
(2c. stamps preferred.)

Total, \$

Novelties for 1900

**Trial Packets
Now Free**

**WE WANT NAMES WORTHY OF EACH OF THESE SPLENDID NEW VARIETIES,
AND WILL PAY OUR CUSTOMERS \$300.00 FOR THEM**

Encouraged by the successful outcome of the liberal cash premiums offered last year for the best names suggested for our New Beet and New Extra Early Tomato (see pages 2 and 12 for list of prize-winners), we have decided to offer this season an increased amount, viz.: **\$300 in cash premiums for the best names suggested for the following described novelties, which we propose to introduce in 1900:**

WE WILL PAY { **\$50.00 each for the names selected as the best for each of the 3 Novelties. Total, \$150.00.**
5.00 each for what may be considered the next best 10 names for each of the 3. Total, \$150.00. Making a grand total of \$300.00.

No. 1. A Grand New Second Early and Main Crop Tomato

A new and distinct cross-bred variety originated by Howard Russ, a well-known New Jersey trucker and tomato specialist. **The Early Bird** Tomato sent out by us in this way last year has proven to be the **Earliest Tomato in the World** (see testimonials, page 12), and we predict that this new one will surely come to be recognized as first and foremost among the second early and main crop varieties. We will put a liberal trial packet in all orders over \$1.00 from this catalogue, which entitles the purchaser to the privilege of competing for **\$100 CASH PREMIUMS**, as offered above, viz.: \$50.00 for the best name suggested, and \$5.00 each for the next best 10 names, the 11 premiums aggregating \$100 cash.

No. 2. A Superb New Lettuce from California

Our attention was attracted to this New Lettuce while visiting California in the summer of 1897. We secured seed from the originator, who proved to be one of our market garden customers, and from which our present small supply was grown. The immense cream-yellow colored heads are the finest we have ever seen. It is the result of over 20 years' careful selection. The seed has never been offered for sale and will not be until 1900. We will include a trial packet of both this and the new tomato above, in all orders of \$2.00 and over received this season, which entitles the purchaser to suggest names for both in competition for the Cash Premiums offered (\$100 in 11 premiums for each variety).

No. 3. A Wonderful New Cucumber of White Spine Type

This rare novelty originated with our friend, Chauncey P. Coy, of Nebraska, probably the largest and most experienced grower of cucumbers in the world. It is not only the earliest cucumber in cultivation, but is of a most desirable White Spine type, shorter, thicker and holding its deep green color better than any White Spine or any other Early Cucumber in cultivation. We will include a liberal trial packet of this new Cucumber, also of No. 1 Tomato and No. 2 Lettuce in all orders of \$3.00 and over, which entitles the customer to suggest names for all three in competition for the \$300 cash in 33 premiums as offered above.

CONDITIONS: A competition blank is printed on each packet of seed, on which, after being emptied, the sender's name and address and the name suggested can be written and returned to us. The names can be sent in any time before October 1, 1899, at which time they will be carefully considered by an impartial disinterested committee of three well-known agriculturists, whose decision shall be final, and the prize money forwarded to the successful competitors, whose names and addresses will be published in our Garden and Farm Manual for 1900.

TWO NEW BOOKS WHICH EVERY FARMER AND GARDENER SHOULD HAVE

FARM GARDENING

Or QUICK CASH CROPS AND HOW TO GROW THEM
128 pages. Illustrated by Photographic Reproductions

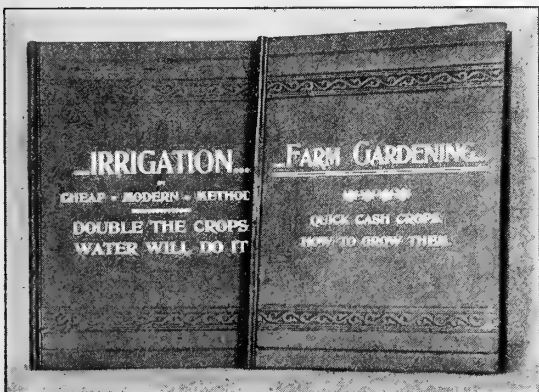
Whether a farmer, a market gardener, or one who is cultivating a small plot around his home for the daily supply of fresh vegetables, this book will be found a most decided help. It tells how and what to grow, how to manage, how to manure and fertilize economically, how to treat insect and fungus enemies, how to market vegetable money crops, which will result in larger cash receipts, smaller cash expenditures, and better bank balances. Price, 50c., postpaid.

IRRIGATION

BY CHEAP, MODERN METHODS
DOUBLE THE CROPS WATER WILL DO IT

Profusely Illustrated. Bound in Cloth

There is something here for every one who plants a seed. The Department of Agriculture has done some effective work in the interests of the arid sections of the far West, by disseminating information relative to Irrigation. The East, however, has been neglected, although millions of dollars are lost annually through the uncertainties of the weather. After reading this work you will be surprised at the cheapness and practicability of Irrigation, which reduces soil culture to an exact science. Price, 50c., postpaid.



FREE WITH SEED ORDERS. Everyone sending vegetable or flower seed orders to the amount of \$3.00 may select one of these books free, to be sent with the order; or to those sending orders of \$4.00 and over, we will send **both books free** with the order when requested to do so. These book premiums are entirely free, and do not interfere with our liberal premiums on seeds in packets and ounces, as offered on next page, or any other offers in this catalogue.

The Most Liberal Premiums Ever Offered By Any Seedsmen

50 CENTS' worth of seeds extra will be allowed on each ONE DOLLAR sent us for seeds in PACKETS. Thus, any one sending us \$1.00 can select seeds in packets amounting to \$1.50; for \$2.00, seeds in packets amounting to \$3.00; for \$3.00, seeds in packets amounting to \$4.50; for \$4.00, seeds in packets amounting to \$6.00, and so on.

25 CENTS' worth of seeds extra will also be allowed on each ONE DOLLAR sent us for seeds in OUNCES.

Thus, any one sending us \$1.00 can select seeds in ounces to the value of \$1.25; for \$2.00, to the value of \$2.50; for \$3.00, to the value of \$3.75; for \$4.00, seeds in ounces to the value of \$5.00, and so on.

In addition, every purchaser of **\$3.00 and over can select free** either of our new up-to-date books, "**Farm Gardening**," or "**Irrigation by Cheap Modern Methods**," and every purchaser of **\$4.00 and over** is entitled to both books if a request is made to send them with the order.

With these liberal premiums and our low prices on seeds in bulk, we say, without fear of contradiction, that "**seeds of equal high quality can nowhere be obtained for as little money.**"

WE DELIVER FREE

TO ANY POST OFFICE
IN
THE UNITED STATES

All Vegetable and Flower Seeds offered in this catalogue by the packet, ounce, $\frac{1}{2}$ pound, pound, pint and quart.

Customers ordering these Seeds by the pound, pint or quart, to be sent by Freight or Express, may deduct postage at the rate of ten cents per pound, or fifteen cents per quart from our list prices. When sent in this way the purchaser pays the freight or express charges on receipt of seed.

Purchaser pays transit charges also on pecks, bushels and barrels, and on Farm Seeds, Implements, Live Stock, etc.

LOW EXPRESS RATES By special arrangement with all the express lines in the United States and Canada, in the traffic agreement, seeds and plants are now carried at a reduced rate of 20 per cent. less than merchandise rates, when guaranteed by us. Our customers will, therefore, find these reduced express rates almost as cheap as freight on small quantities.

HOW TO ORDER

Cash should always accompany the order. We will be responsible for money sent to us by **Post Office Order, Express Money Order, Bank Draft, Express** or by **Registered Letter.**

Post Office Orders cost, for any amount up to \$2.50, 3 cents; over \$2.50 and not exceeding \$5, 5 cents; over \$5 to \$10, 8 cents; over \$10 to \$20, 10 cents; over \$20 to \$30, 12 cents; over \$30 to \$40, 15 cents; over \$40 to \$50, 18 cents; over \$50 to \$60, 20 cents; over \$60 to \$75, 25 cents; \$75 to \$100, 30 cents.

Express Money Orders are issued by express companies at their agencies, and cost, for amounts not over \$5, 5 cents; \$10, 8 cents; \$20, 10 cents; \$30, 12 cents; \$40, 15 cents; \$50, 18 cents.

Bills, Coin or Stamps (we accept postage stamps the same as cash) can be sent safely by registered letter. Every postmaster is required to register any letter on payment of eight cents extra postage.

Cost of remitting may, on all orders over \$1.00, be deducted from the amount sent.

WE GUARANTEE ALL SHIPMENTS of Seeds, Bulbs, Plants, Implements, Live Stock, etc., to reach the purchaser safely and in good condition.

A Complete List of the Best Books for the Farm and Garden

Standard works, written by acknowledged authorities on the subjects of which they treat. We will send them postpaid on receipt of price. To customers who order them in connection with their seed orders, we will allow a discount of 10 per cent. from publisher's prices, here quoted:

On Farm and Garden Topics

\$100 Prize Essays. By practical growers, on the following subjects: "How and What to Grow in the South for Northern Markets," "Culture of Cabbage and Onions, with Hints for Storing and Marketing," "The Family Vegetable Garden," \$0 10
Practical Farm Chemistry. T. Greiner, 1 00
Gardening for Profit. Henderson, 2 00
Gardening for Pleasure. Henderson, 2 00
The Young Market Gardener. A Beginner's Guide, 50
How the Farm Pays. Henderson & Crozier, 2 50
How Crops Grow. A treatise on the chemical composition, structure and life of the plant. Johnson, 2 00
How Crops Feed. A treatise on the atmosphere and soil as related to the nutrition of plants. Johnson, 2 00
Draining for Profit and Health. Waring, 1 50
Land Measurer for Farmers. Pedders, 60

On Floriculture

Practical Floriculture. For Florists. Henderson, 1 50
How to Destroy Insects on Plants and Flowers. 25
My Handkerchief Garden. Barnard, 10
The Garden's Story. Elwanger, 1 50
Your Plants. Their care and treatment. Sheehan, 40
How to Plant a Place, 20

On Vegetables and Fruits

Asparagus Culture. Barnes & Robinson, \$0 50
Biggle Berry Book. (New.) The very latest treatise on small fruits. Illustrated by colored plates, 50
Broom Corn and Brooms. Cloth, 50
Cabbages and Cauliflowers, How to Grow Them, 30
How to Grow Celery. P. J. Schuier, 75
Mushroom Culture, J. & S. Paper Circular, 10
Mushrooms—How to Grow Them. Cloth, 1 50
New Onion Culture. T. Greiner, 50
The Peanut Plant. B. W. Jones, 50
New Potato Culture. The French System. Carmen, 50
Squashes—How to Grow Them. Gregory, 30
Sweet Potato Culture. Fitz, 60

On Poultry and Live Stock

Biggle Poultry Book. Finely illustrated, 50
Profitable Poultry Farming. M. K. Boyer, 25
Farm-Poultry Doctor. Dr. N. W. Sanborn, 50
Low Cost Poultry Houses. Illustrated, 25
500 Questions and Answers on Poultry Topics, 25
A Living From Poultry. M. K. Boyer, 25
Broilers for Profit. M. K. Boyer, 50
Money in Squabs. Brinton, 25
American Standard of Perfection. A complete description of all the recognized Breeds of Fowls, 1 00
Duck Culture. Rankin, 50
Biggle Horse Book. (New.) Profusely illustrated, 50
Training of Shepherd Dogs. Wickham, 50
The Collie. Its history, points and breeding. Dalziel, 1 00
An Egg Farm, or the Management of Poultry in Large Numbers. H. H. Stoddard, 50
How to Rid Buildings and Farms of Rats, 20

Vegetable Seeds & General List

The Best Seeds that Grow, and a List of Varieties it Pays to Grow



IN the following pages we have endeavored to list the cream of all varieties known, weeding out many that are still advertised by other seedsmen, but which our extended tests at **Floracraft Trial Grounds** have proven to us are unworthy of cultivation. We take great pains each season to inform ourselves fully as to the real merits of everything offered as new or superior, and our customers may rest assured that if any much-lauded variety is not found in our **MANUAL**, the probability is much greater that we have tested it and found it of little or no value, than that it is unknown to us. It is our constant aim thus to gain and hold the confidence of all customers.

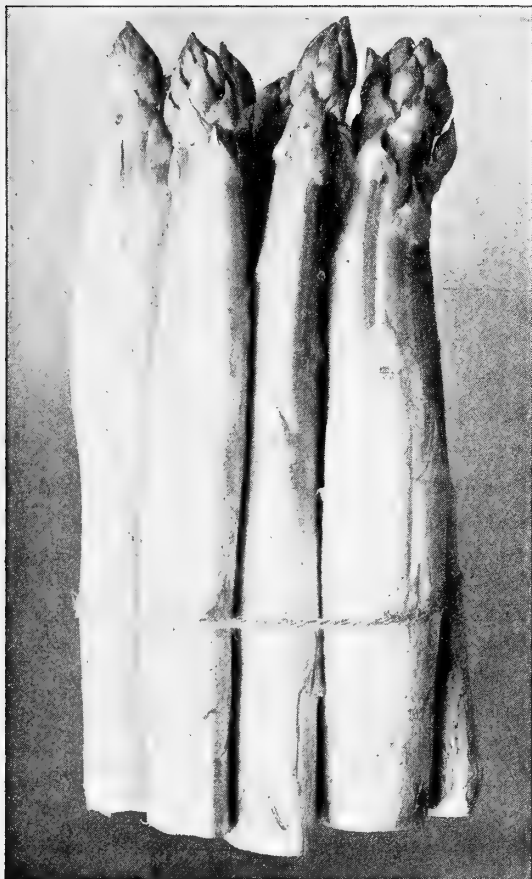
Large-Sized Packets

Customers frequently write us that our packets contain twice as much seed as those obtained from other houses; yet, notwithstanding our **very liberal premiums** on seeds in packets and ounces, as announced on the opposite page, we shall still continue to put up, with our standard gauges, the same **liberal-sized packets** of seed for which our house has always been noted. We have always found the liberal treatment of our customers to be one of the best paying features of our business.

Artichoke

As a table vegetable the Artichoke deserves to be more generally cultivated. The part eaten is the flower head, which is used before it begins to open, and cooked in much the same way as asparagus.

Large Green Globe. Pkt., 10c.; oz., 30c.; lb., \$3.00.
Artichoke Roots for hog feed will be found under "Farm Seeds." Peck, \$1.00; bush., \$3.00; bbl., \$7.50.



SIX STALKS OF DONALD'S ELMIRA, WEIGHING 30 OUNCES.

Asparagus

Asparagus is one of the earliest spring vegetables, and would be in universal use were it not for the prevalent idea that it is difficult to grow. We think this is a mistake, and that no vegetable on our list can be produced so cheaply and easily. (Directions for planting and culture will be found in our new book, "**FARM GARDENING**," which can be had for the asking. See page 13.) A bed 12x40 feet, requiring about 100 roots, will give an abundant supply for an ordinary family. One ounce of seed will sow 40 feet of row; 7,260 roots will plant an acre.

DONALD'S ELMIRA ASPARAGUS. This new asparagus, first introduced by us, has attracted much attention throughout the country. It was originated by Mr. A. Donald, a prominent market gardener of Elmira. He has always realized handsome prices, and, although a large grower, was unable to supply half the demand. The delicate green color is notably different from either the famous Barr's Philadelphia Mammoth or Palmetto, while the stalks are more tender and succulent. Its mammoth size can be realized from the fact that in whole crops a bunch of twelve stalks will average three to four pounds in weight. It requires much less labor in cutting and bunching, thus lessening the expense of marketing. The seed we offer is saved for us by Mr. Donald from his choicest beds, and our roots are grown by us from the same high-class seed. **Prices of seed:** pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00; **STRONG ROOTS**, 1 year old, \$1.00 per 100 (by mail, postpaid, \$1.25 per 100); \$6.00 per 1,000; 2 years old, \$1.25 per 100; \$7.00 per 1,000 (500 roots furnished at 1,000 rate).

COLUMBIAN MAMMOTH WHITE. This is a most distinct variety, discovered on Long Island a few years since. The stalks are large, produced abundantly and early. They are clear white and remain so as long as fit for use, without earthing up or any other artificial blanching. There is a large demand from canners for this sort. **Prices of seed:** pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c. **GOOD STRONG ROOTS**, 1 year old, 75c. per 100 (by mail, postpaid, \$1.00 per 100); \$5.00 per 1,000; 2-year-old roots, 75c. per 100; \$6.00 per 1,000 (500 roots furnished at 1,000 rate).

BARR'S PHILADELPHIA MAMMOTH. This variety originated with Crawford Barr, a prominent market gardener of Pennsylvania. Grown side by side with Conover's Colossal, it grows twice as large and more productive. In Philadelphia it is much sought after and sells at top-notch prices. **Seed:** pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c. **GOOD STRONG ROOTS**, 1 year old, 75c. per 100 (by mail, 90c. per 100); \$4.50 per 1,000; 2 years old, 75c. per 100; \$5.50 per 1,000 (500 roots at 1,000 rate).

PALMETTO. This asparagus is now quite extensively grown for New York and Philadelphia markets, where it sells at high prices, owing to its fine size and regularity. Although of Southern origin, it is equally well adapted to the North. **Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c. STRONG ROOTS**, 2 years old, \$1.00 per 100 (by mail, \$1.25 per 100); \$5.50 per 1,000 (500 roots at 1,000 rate.)

CONOVER'S COLOSSAL. A well-known old standard variety. **Prices of Seed:** pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 45c. **SPLENDID STRONG ROOTS**, 1 year old, 50c. per 100 (by mail, postpaid, 75c. per 100); \$4.00 per 1,000; 2 years old, 60c. per 100; \$4.50 per 1,000.



NEW VALENTINE WAX.
Pint, 20c.; qt., 40c., postpaid.
Peck, \$1.25; bush., \$4.50.

IMPROVED RUST-PROOF GOLDEN WAX.
Pint, 20c.; qt., 40c., postpaid.
Peck, \$1.10; bush., \$4.00.

KEENY'S NEW STRINGLESS REFUGEE WAX.
Pint, 25c.; qt., 45c., postpaid.
Peck, \$1.35; bush., \$5.00.

Beans—Dwarf Green Podded Sorts

LARGE PACKETS, 10c. EACH, POSTPAID.
HALF-SIZED PACKETS OF BEANS, PEAS and SWEET CORN put up to sell at 5c. postpaid, are "TOO SMALL FOR ANY USE." We therefore put up only large, full-sized packets at 10c. each, postpaid. We prefer to please our customers rather than disappoint them.

One quart will plant one hundred feet of drill; two bushels will plant an acre in drills.

Please remember that our prices on all Beans by the pint or quart include prepayment of postage by us. If ordered to be sent by express or freight, 8c. per pint or 15c. per quart may be deducted. Half peck and half bushel at peck and bushel rates.

NEW GIANT GREEN POD STRINGLESS VALENTINE. The greatest novelty in beans ever offered. Two weeks earlier than Improved Round Pod Valentine and more prolific, with pods 5 to 6 inches long. See page 1. Pkt., 10c.; pint, 35c.; qt., 60c., postpaid. By freight or express, qt., 45c.; peck, \$2.25; bush., \$8.00.

IMPROVED ROUND POD EXTRA EARLY RED VALENTINE. This is one of the best, earlier than the old Early Red Valentine. The vine is dwarf, the pods are smooth, round, stringless and very thickly set, remaining green and tender a long time after they are fit to pull. Vines very uniform, making little or no top growth, and producing enormously. Pkt., 10c.; pint, 20c.; qt., 40c., postpaid. By freight or express, qt., 25c.; peck, \$1.35; bush., \$5.00.

UNION WHITE VALENTINE. This new variety is much earlier and of a dwarfer habit than the old White Valentine, the pods being rounder, smoother, plumper, more meaty and entirely stringless. The beans, when ripe, are pure white, thus enabling the grower to sell them as shelled beans. Pint, 25c.; qt., 45c.; peck, \$1.50; bush., \$5.50.

EMPEROR WILLIAM. A new extra early variety, with large, green flat pods and valuable for either family use or market. Can also be used as a White Shell Bean when dry. Pint, 25c.; qt., 45c.; peck, \$1.35; bush., \$5.00.

OTHER GREEN SNAP SHORTS

LARGE PKTS., 10c. EACH, POSTPAID.	Postpaid.		By Freight or Express.	
	Per qt.	Peck.	Peck.	Bush.
EARLY RED SPECKLED VALENTINE. Popular old sort . . .	\$0 40	\$1 25	\$4 75	
EARLY MOHAWK. Very hardy, REFUGEE, OR 1000 TO ONE. Medium early; hardy, productive, NEW EXTRA EARLY REFUGEE. Ten days earlier . . .	40	1 25	4 50	
STRINGLESS GREEN POD. Very fine quality, seed coffee-colored . .	40	1 25	4 75	
BEST OF ALL. Long-glossy pods, LONG YELLOW SIX WEEKS . . .	45	1 50	5 50	
EARLY CHINA RED EYE . . .	40	1 25	4 75	

Beans—Dwarf Wax Sorts

LARGE PACKETS OF ALL BEANS, 10c. EACH, POSTPAID.

NEW VALENTINE WAX BEAN

This new variety, first offered four years ago, has rapidly become popular with market gardeners on account of its extreme earliness and great productiveness. It is an improved Round Pod Extra Early Valentine, with handsome round yellow or wax pods. It is the earliest wax bean yet produced. Planted June 18th, pods over four inches long were picked July 25th. Pods very meaty, entirely stringless, entirely free from rust, and of the best quality. Market and family gardeners will make no mistake in planting it largely. Pint, 20c.; qt., 40c.; peck, \$1.25; bush., \$4.50.

IMPROVED RUST-PROOF GOLDEN WAX.

(Grennell's Strain.)

This variety is rapidly superseding the well-known Golden Wax, which has for many years been a great favorite with both market gardeners and private planters. It originated with Mr. W. H. Grennell, a large bean grower of New York State, and from whom we originally obtained our seed. It is among the earliest and hardest of all the Wax Beans. The pods are straight, long, larger and thicker than the Golden Wax, much superior in quality. It outyielded the Golden Wax two to one in past seasons. There are two strains of "Improved Golden Wax" on the market, but Grennell's strain, as offered by us, will be found decidedly the best. Pint, 20c.; qt., 40c.; peck, \$1.10; bush., \$4.00.

KEENY'S NEW STRINGLESS REFUGEE WAX

This new variety originated with N. B. Keeny & Son, the well-known bean experts of New York State. It is a perfect Refugee, with wax pods that are long, round and of golden yellow color, remaining tender longer than other wax sorts; immensely productive and practically everbearing. It is free from rust, and its dense habit of growth renders it proof against long-continued drought. It is suitable for early or late sowing. When sown in the spring it will give seed in time for a second crop in the fall. Keeny's new strain of this variety is entirely stringless and much superior to the Refugee Wax as introduced a few years since. They are not only one of the best for general use, but the best and only perfect Wax Bean for canners' use. Pint, 25c.; qt., 45c.; peck, \$1.35; bush., \$5.00.

DAVIS WHITE KIDNEY WAX

Originated by Eugene Davis, of Michigan. The plant is vigorous and healthy, of compact, upright growth, carrying its pods on the centre and well up from the ground. The pods are very long, oval, clear waxy-white color, showing no tendency to string until they approach maturity. The large, white, handsome kidney-shaped dry beans are very attractive and excellent for baking. Pint, 20c.; qt., 40c.; peck, \$1.25; bush., \$4.50.

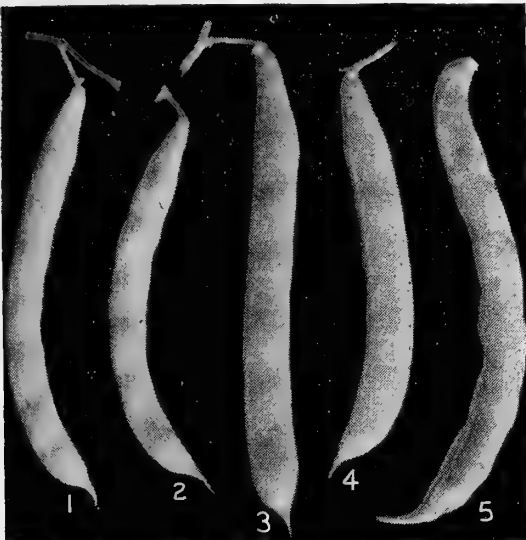
Dwarf Wax Beans—Continued

NEW GOLDEN-EYED BUTTER WAX. The pods are long, straight and flat, and remarkably free from blight and rust. The fact that when picked along with other wax varieties it keeps bright and crisp long after the others are wilted, makes it one of the best for shipping long distances. Pint, 25c.; qt., 40c.; peck, \$1.25; bush., \$4.75.

KEENEY'S RUSTLESS GOLDEN WAX. A strong growing new bush variety of remarkable vigor and freedom from rust. The pods are meaty and well filled; thick-flat when young and semi-round later; of rich yellow color and fine quality, and entirely stringless throughout, even when old enough to shell. Pint, 25c.; qt., 40c.; peck, \$1.25; bush., \$4.75.

SCARLET FLAGEOLET WAX. Very showy, large, long, flat and tender pods, selling in market at highest prices. Pint, 25c.; qt., 40c.; peck, \$1.25; bush., \$4.75.

VIOLET, or PERFECTION WAX. Vigorous and most productive, having the largest and most showy wax pods, stringless, tender and succulent. Pint, 25c.; qt., 40c.; peck, \$1.35; bush., \$5.00.



Wax Beans—Pod No. 1. Fuller's Ringleader.
2. Prolific German. 3. Wardwell's Kidney.
4. Currie's Rust-Proof. 5. Yosemite.

FULLER'S RINGLEADER WAX. Our good opinion of this new Black Wax Bean has been confirmed by another year's trial among our customers, from whom we have received hundreds of most favorable comments. All agree in pronouncing it one of the earliest and most productive of all Wax Beans. The pods are very large, round and meaty, retaining their tenderness and fine quality longer than most other sorts. Pint, 30c.; qt., 50c.; peck, \$1.75; bush., \$6.50.

NEW PROLIFIC GERMAN, or CYLINDER BLACK WAX. This is an entirely new and improved strain of the old favorite German or Black Wax Bean, originated by a large bean grower of Genesee County, N. Y. Very superior to the old strain, being much earlier and more productive. Pods perfectly round, straighter, longer and of an even, rich, golden color. Our stock is grown for us by the originator. Pint, 25c.; qt., 40c.; peck, \$1.25; bush., \$4.75.

WARDWELL'S KIDNEY WAX. One of the most popular. Vines remarkably vigorous, hardy and productive; pods very large, smooth, showy and almost rust-proof. The entire pod assumes a rich golden color at a very early stage of growth. Pint, 25c.; qt., 45c.; peck, \$1.60; bush., \$6.00.

CURRIE'S RUST-PROOF BLACK WAX. For earliness they are at the head of the Wax Bean family. Habit upright and robust, holding their pods well from the ground; foliage remarkably vigorous and healthy; pods long, flat and straight, beautiful golden color, and for productiveness unequalled. Pint, 25c.; qt., 40c.; peck, \$1.25; bush., \$4.75.

YOSEMITE MAMMOTH WAX. The enormous pods frequently attain a length of 10 inches, with the thickness of a man's finger. They are nearly all solid pulp, the seeds being very small when the pods are fit for use. Pods are a rich golden color and absolutely stringless, cooking tender and delicious. Pint, 30c.; qt., 50c.; peck, \$2.25.

GERMAN BLACK WAX. A well-known and popular variety. Pint, 20c.; qt., 40c.; peck, \$1.25; bush., \$4.50.

GOLDEN WAX. This popular variety is earlier than the old German Black Wax; pods long, brittle and stringless. Pint, 20c.; qt., 40c.; peck, \$1.10; bush., \$4.00.

Beans—Varieties for Shelling

Large Packets, 10c. each, Postpaid.

DAY'S LEAFLESS MEDIUM. The originator, Mr. Wm. H. Day, is one of the most successful field bean culturists in New York State. The pods are long, well filled, containing from five to seven beans of a pearly white color, producing from 50 to 60 bushels per acre. The vine stands up well, grows abundant foliage, and just previous to the time of ripening, all the leaves fall off, so that each and every pod is exposed to the action of the sun's rays and ripens evenly. Matures in from seventy to eighty days from date of planting. Pint, 25c.; qt., 40c.; peck, \$1.25; bush., \$4.50.

NEW SNOWFLAKE FIELD. This variety has proven very much earlier and more prolific than either the common standard Pea Bean or Prolific Tree Bean. The plant grows upright, holding its pods well up from the ground, producing enormously. Pint, 25c.; qt., 40c.; peck, \$1.25; bush., \$4.50.

BURLINGAME MEDIUMS. This is the leading field bean grown in Central New York. On the "Genesee Flats," fifty bushels to the acre is not an uncommon yield. Much sought after by dealers everywhere, commanding top-notch prices. Pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.50.

PROLIFIC TREE. Grows about twenty inches in height, bearing its pods so high that they do not touch the ground. They resemble the common White Navy Bean in appearance. Pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.50.

White Navy, or Pea Bean. A well-known productive standard sort. Pint, 20c.; qt., 35c.; peck, 75c.; bush., \$2.75.

Royal Dwarf, or White Kidney. Among the best as a winter bean. Pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.50.

White Marrowfat. Extensively grown as a dry bean for winter use. Pint, 20c.; qt., 35c.; peck, 90c.; bush., \$3.00.

Beans—Pole or Running

Large Packets, 10c. Each, Postpaid.

New Golden Pod Andalusia Pole Bean

This new bean, introduced by us nine years since, has created a decided sensation wherever grown. The pods are five to six inches long, broad, thick, very fleshy, and entirely stringless, far surpassing all other varieties in this respect, and retaining these important qualities until almost ripe. The pods when fully grown are from five to six inches long, exceedingly rich, buttery and fine flavored. The vines cling well to the poles, a very important feature, as owing to its wonderful productiveness, the weight of a vine filled with such a mass of large pods is very great. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans when dry are round as a bullet, pure white, and also make a fine shell or winter bean. Pint, 30c.; qt., 55c., postpaid; qt., 40c.; peck, \$2.25; bush., \$8.00, by freight or express.

Lazy Wife's Pole Bean

The best and largest Green Poddled Pole Bean, first introduced by us some years since. The pods grow from four to six inches long, entirely stringless, and of a rich, buttery flavor when cooked. The pods remain green, and retain their tender, rich, stringless flavor until nearly ripe. The beans are white, and unsurpassed as shell beans for winter use. They are pronounced by all who have grown them the best green-poddled snap-short Pole Bean in cultivation. Pint, 20c.; qt., 40c.; peck, \$1.35; bush., \$5.00.

Other Green Pod Sorts

Pints at ½ Quart Prices.	By Freight or Express.		
	Postpaid. Per qt.	Peck.	Bush.
White Crease Back or Fat Horse.			
Popular South, extremely early . . .	\$0 45	\$1 35	\$5 00
Improved Kentucky Wonder or Old Homestead. Long, round pods; early and prolific	45	1 60	6 00
Southern Prolific. A continuous bearer. Borne in clusters, giving snap-shorts in 80 days	45	1 35	5 00
Speckled Cut Short or Corn Hill.			
Best for planting among corn . . .	45	1 50	5 50
Dutch Case Knife. Flat pods . . .	45	1 50	5 50
Scarlet Runner. Ornamental . . .	45	1 60	6 00
Horticultural or Wren's Egg. . . .	45	1 35	5 00

Yellow or Wax Pod Sorts

Early Golden Cluster Wax. Very early. White seed	50	2 00	7 00
German Black Wax Pole or Indian Chief.	45	1 60	6 00
Giant Wax Red Seed.	55	2 25	8 00
Mastiff Golden Pod. Per pkt., 10c.			

DWARF OR BUSH LIMA BEANS

Dwarf Large White or Burpee's Bush Lima

The true bush form of the old large Lima Pole Bean. It grows vigorously to a height of eighteen to twenty inches, forming a circular bush two to two and a half feet in diameter, requiring no poles or stakes, yielding from fifty to one hundred and fifty fine pods, similar in size and quality to those grown on the Large White Lima Pole Bean. Pkt., 10c.; pint, 25c.; qt., 50c., postpaid; qt., 35c.; 4 qts., \$1.00; peck, \$1.75; bush., \$6.50, by express or freight.

New Wonder Bush Lima

We have secured at high cost from the originator a few bushels of this valuable novelty, which we now offer for the first time, after critical tests on our trial grounds. The "New Wonder" is the earliest, dwarfest and most prolific of the whole class of Bush Limas—a big crop from a small space, and is a decided improvement on the original type of Burpee's Bush Lima, being seven to ten days earlier, with pods 4 to 5 inches in length, each containing three and four large green beans of the finest flavor. Pkt., 15c.; 2 pkts., 25c.; pint, 60c.; qt., \$1.00, postpaid.

DREER'S OR KUMERLE BUSH LIMA

This possesses all the good qualities of the **Dreer's Improved Pole Lima**, and is of true bushy habit, growing vigorously from one and a half to two feet high, and showing no disposition whatever to run. It produces pods in great abundance. The beans grow close together, four and sometimes five in a pod, and are very thick, sweet and succulent. Pkt., 10c.; pint, 30c.; qt., 55c.; peck, \$2.00.

HENDERSON'S DWARF LIMA BEAN. The first of the Bush form of Limas to be introduced some years since, and is enormously productive. The beans are pure white and of the size of the small Southern Lima. Pint, 25c.; qt., 45c.; peck, \$1.50; bush., \$5.75.

JACKSON WONDER DWARF LIMA BEAN. This new Bush Lima Bean originated in Georgia. It grows from eighteen to thirty inches high, and might be termed a combination bean, as the pods when quite young may be used as snap beans, and after they become filled, shelled and used as Lima Beans. It is immensely productive, with broad, flat pods, containing three to four variegated flat beans, similar in shape to the well-known Small Lima or Sewee. Pint, 25c.; qt., 45c.; peck, \$1.50.



BURPEE'S BUSH LIMA. Natural Size.

POLE LIMA BEANS

The prices quoted by the packet, pint and quart are for the best Seed Beans, Postage Paid, by Mail. Remember that by express or freight you can DEDUCT 8c. per pint or 15c. per quart. Large Packets of any variety, 10c. each, postpaid. Half peck and half bushel at peck and bushel rates.

SEIBERT'S EARLY LIMA

The Earliest True Pole Lima Bean

This new variety was developed by a market gardener, who selected the largest green beans from the thinnest and most easily opened pods.

The vine is very vigorous and productive. The pods are large, but thin, and can be more easily opened than those of other varieties. The green beans are the largest of any of the Limas, very handsome and of the best quality. In earliness, ease of shelling, size, beauty and quality of the green beans, this variety is superior, and must come to be recognized as one of the best of all for either the garden or market. Pint, 30c.; qt., 50c.; peck, \$2.00; bush., \$7.00.

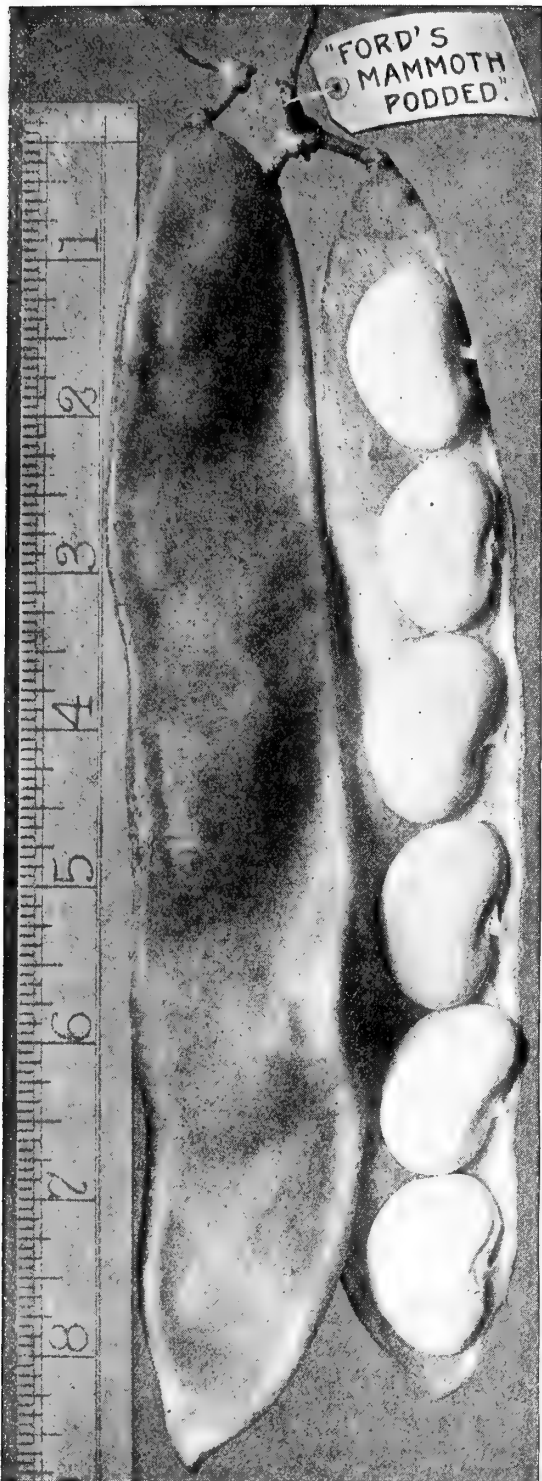
Shotwell's Improved Thiek Pole Lima Bean

Originated by one of the best and most experienced growers of Northern New Jersey. It is of the thick or Potato Lima class, but will be found a decided improvement on the Dreer's Improved Pole Lima or any other bean of its class in earliness, productiveness and fine quality. All claims made for it have been fully substantiated by hundreds of our customers who tried it the past two seasons, and we regret we have not room here to publish the many strong recommendations received from them. Pint, 35c.; qt., 60c.; peck, \$2.50; bush., \$9.00.



SHOTWELL'S IMPROVED NEW THICK POLE LIMA.

New Jersey Grown Pole Lima Beans



Average Pods of FORD'S MAMMOTH, 8 Inches Long.

WHY THEY ARE THE BEST

For nearly half a century Southern New Jersey has had the reputation, and deservedly so, of growing the finest Lima Beans in the United States, the product being eagerly sought after by Boston, New York, Philadelphia and other Eastern cities, for both seed and consumption. For some years past, however, many seedsmen have been growing their supplies in Southern California, where they are grown very cheaply and without poles. We have made hundreds of tests of various Limas from California seed and find the product much inferior in both quality and productiveness to those grown in New Jersey. It is also difficult to get them to take the poles, owing to the method in which they are grown, while the beans are smaller and lack the rich buttery flavor peculiar to the New Jersey Limas.

FORD'S MAMMOTH PODDED

This grand Lima Bean is the result of over twenty years' selection by Jas. Ford, one of the oldest market gardeners around Philadelphia. The pods grow to an average length of eight inches, and are produced in great clusters, with from five to seven beans per pod, of most excellent quality, for using either green or dry. The vines grow vigorously, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. **Ford's Mammoth Podded** is without exception the largest podded, finest flavored and most productive of all Lima Beans. Pkt., 10c; pint, 35c; qt., 55c., postpaid; by freight or express, qt., 40c.; 4 qts., \$1.25; peck, \$2.25; bush., \$8.00.

SHALLCROSS MARKET QUEEN LIMA. A rare novelty in Lima Beans now offered for the first time. See Novelties, page 2. Pkt., 15c; pint, 35c; qt., 65c; peck, \$3.00. Supply limited.

JERSEY EXTRA EARLY LIMA. The pods are large and numerous, invariably having from four to five beans in each. These beans appear in Philadelphia markets nearly two weeks ahead of ordinary limas, selling at from \$3.00 to \$4.00 per bushel of pods, and previous to the introduction of Seibert's Early, were considered the earliest. Pt., 30c; qt., 50c; peck, \$1.75; bush., \$6.50.

GERMAN CLUSTER LIMA. Quite early, producing large pods containing five to six beans each in great clusters of ten to twelve. The vines are heavier and leaves broader than in any of the American limas. Pint, 30c; qt., 50c; peck, \$2.00.

WILLOW LEAF LIMA. This new pole Lima Bean differs from all others in its beautiful *deeply cut* foliage. The pods are of the Sewee type, well filled with pure white beans, tender and of fine flavor. Pint, 25c; qt., 40c; peck, \$1.25; bush., \$4.75.

STOKES' EVERGREEN LIMA. The Stokes' Evergreen not only holds the full size and great productiveness of the Salem Mammoth, but has the remarkable additional quality of holding, in all stages of growth, and even when dry and shelled, the deep green color of the unripe state, thus giving the dry beans, when cooked during the winter and spring, not only the green appearance, but also the delicious flavor of beans fresh from the vine. Pint, 35c; qt., 60c; peck, \$2.50.

KING OF THE GARDEN LIMA. More prolific than the ordinary lima, bearing pods five to six inches long, in clusters of four and five, with five to six beans in a pod. Pint, 25c; qt., 45c; peck, \$1.50; bush., \$5.75.

HORTICULTURAL LIMA. A cross between the Dwarf Horticultural and Dreer's Improved Lima. Vines medium-sized, fruiting early and freely to the ends; leaves large, coarse, wrinkled, green, resembling Dwarf Horticultural; pods borne in clusters, three to six inches in length, flat, almost straight. Pint, 25c; qt., 40c; peck, \$1.25; bush., \$4.75.

DREER'S IMPROVED, or CHALLENGER POLE LIMA. When green is as large as the Large Lima, thicker, sweeter and more tender and nutritious, remaining green in the pod for a long time after maturing. Pint, 25c; qt., 45c; peck, \$1.50; bush., \$5.75.

SALEM IMPROVED LIMA. A selection from the Large Lima Bean, of extraordinary size and deep green color. Pint, 30c; qt., 50c; peck, \$2.00; bush., \$7.50.

LARGE WHITE LIMA. (Extra Selected Size.) The well-known favorite. Our strain is fine. Pint, 25c; qt., 45c; peck, \$1.50; bush., \$5.75.

Carolina, or Sewee. Beans about half the size of Large Lima. Pint, 25c; qt., 45c; peck, \$1.50; bush., \$5.50.



PHOTOGRAPH OF THE BEST TABLE BEETS ARRANGED IN ORDER OF MATURITY. 1. Johnson & Stokes' Surprise. 2. Improved Eclipse. 3. Arlington Favorite. 4. New Columbia. 5. Dark Stinson. 6. Edmands'. 7. Ford's Half-Long.

Garden Beets

One ounce of seed will sow sixty feet of drill; five pounds will sow an acre in drills.

CROSBY'S IMPROVED EGYPTIAN. The earliest beet. See page 2. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

NEW BEET 1899, now called **THE METEOR**. See Novelties, page 2, also colored illustration on back of this book. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

JOHNSON & STOKES' NEW SURPRISE (No. 1). This beet, originated and selected on our own farm, has now had several years' thorough test by ourselves and hundreds of practical gardeners, who agree in pronouncing it one of the best extra early sorts ever produced. Its small, upright-growing tops, the splendid shape and color of the roots, make it popular with everyone. The color of the skin is dark blood red, flesh bright red, zoned with a lighter shade. It is faultless in table qualities, the flesh being remarkably sweet, fine grained and tender in all stages of growth. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

IMPROVED ECLIPSE (No. 2). We were among the first seedsmen to offer the now popular Eclipse several years ago, and since its introduction we have been constantly working with it until we have attained what is pronounced by hundreds of gardeners "the earliest, best and most thoroughbred strain they can possibly get." It has become such a leader with us that our sales now average over 2,500 lbs. each season of this variety alone. If you have never grown our improved strain it will pay you to try it. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

ARLINGTON FAVORITE (No. 3). A new dark-leaved early blood variety, originated at Arlington, Mass., where it is grown extensively for the Boston market. It follows the Eclipse closely in maturing, and differs from all other very dark blood sorts in that it has the sweetness of the Bassano. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

NEW COLUMBIA (CARTER'S EXCELSIOR) (No. 4). The color of the skin, flesh and top is like the well-known Egyptian. It is not so early, but is larger and longer in shape and of much better quality. Market gardeners will find it a splendid variety, while its fine flavor will delight all private planters. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

DARK STINSON (No. 5). A very early deep blood turnip beet, popular with market gardeners around Philadelphia, and but little known elsewhere. It has a small top and is very valuable for forcing or open garden. Seed grown by the originator. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

EDMANDS' EARLY RED TURNIP (No. 6). A splendid new variety, originated near Boston. While not as early as some, it has many fine qualities to commend it. It is the most uniform of all turnip beets, of handsome, round shape, good marketable size, and deep blood color. It has a very small top. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

FORD'S PERFECTED HALF-LONG (No. 7). Originated by James Ford, who is well known to most of our customers as the originator of the famous FORD'S MAMMOTH PODDED LIMA BEAN. It has many distinctive points of great value. In size the roots are remarkably uniform. The color is a very deep red, several shades darker than the well-known Bastian Half-long. It is also earlier, maturing a few days after the Early Turnip varieties; and as a fall and winter beet it has no equal, as none other can approach it in keeping qualities. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

A SELECT LIST OF STANDARD BEETS

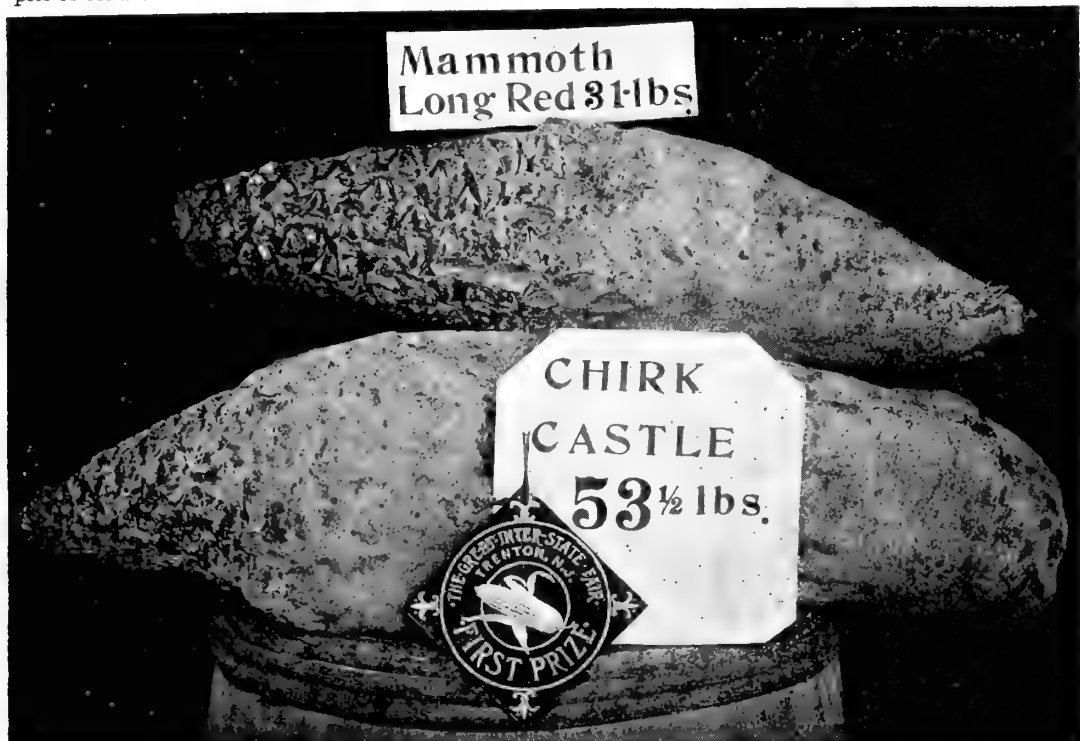
LARGE PACKETS, 5 CENTS.

Postage paid.
Per oz. $\frac{1}{4}$ lb. lb.

Extra Early Egyptian Blood Turnip.	\$0 05	\$0 15	\$0 40
A standard early sort with small top.	10	20	60
Electric. A fine round beet of first quality.	10	20	60
Lentz Extra Early Blood Turnip.	10	20	60
First introduced by us—original stock.	10	20	60
Bastian's Extra Early Blood Turnip.	10	20	45
Very early, small top, productive	10	20	50
Early Bassano. Very sweet	10	20	50
Mitchell's Red Turnip. (New Crimson.)	10	20	60
Detroit Dark Red Turnip	10	20	60
Improved Blood Turnip	10	20	45
Crimson Chief. Moderately early	10	20	65
Dewing's Early Red Turnip	10	20	50
Acme Second Early	10	20	65
Bastian's Half-long Blood	5	15	40
Long Smooth Blood Red	10	20	50
Swiss Chard or Silver	10	20	50

Mangel=Wurzel and Sugar Cattle Beets

We strongly recommend the Mangels and Sugar Beets for feeding to cattle, sheep and swine. The roots grow to a very large size. Make a much heavier yield than Turnips, and are more nutritious and fattening for food during the winter, largely increasing the yield of milk in cows. They can be grown at trifling cost. The seed should be sown any time during April or May, in rows 2½ to 3 feet apart, at the rate of five to six pounds per acre. When the plants are two or three inches high, thin or cut out with the hoe to 10 or 12 inches apart in the row. The roots should be harvested before frost and stored in pits or cellars.



Photograph of Prize Chirk Castle Mangel in comparison with the largest Improved Mammoth Long Red, both specimens grown in same field, with same cultivation. We believe this specimen to be the largest Mangel ever grown in America.

The Chirk Castle Mangel=Wurzel Beet

Our attention was first called to this prodigious variety while visiting Scotland some years ago, where we saw hundreds of specimens taken from the field, weighing from **fifty to sixty lbs.** each, while whole crops averaged thirty-eight to forty lbs. per root, producing a yield of over **sixty tons to the acre.** The length is but little longer than Improved Mammoth Long Red, but it is remarkable for its **handsome, thick, uniform shape** and very **broad shoulders**, its diameter being **greater** and its weight very much heavier. The flesh is deep-colored red, of very fine texture and quality, containing less water and more sugar than any other Mangel, making it more nutritious and milk-producing. Sheep also thrive better when fed on it, picking out pieces of it in preference to other kinds. We consider this and **Taber's Gate Post**, described on next page, by far the most valuable and profitable of all the stock-feeding beets. The tops are smaller and it is such a shy seeder than the seed cannot be grown as cheaply as other Mangels. Pkt., 10c.; oz., 15c.; ¼ lb., 25c.; lb., 75c., postpaid; 5 lbs., 65c.; 5 lbs. (enough for one acre), \$3.00, by freight or express.

IMPROVED MAMMOTH LONG RED MANGEL. A celebrated variety, sometimes called **Jumbo**, **Norbitan Giant** and **Colossal.** It is grown extensively for agricultural purposes, producing large roots, partly above ground. A very heavy cropper, frequently producing forty tons to the acre; growing enormously in size, but of fine texture and quality. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 35c., postpaid; lb., 25c.; 5 lbs. and over, by freight or express, 20c. per lb.

GOLDEN GIANT INTERMEDIATE (YELLOW LEVIATHAN MANGEL). This new variety is a great improvement over the old Yellow Intermediate, being much larger and more even in shape, and of a beautiful yellow russet color. It grows more than half above ground, with fine neck and large leaves; flesh white, firm, sweet, greatly relished by cattle. It is a magnificent root, producing enormous crops; easily pulled and an excellent keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 35c., postpaid. By express or freight, lb., 25c.; 5 lbs. and over, 20c. per lb.

NEW GOLDEN YELLOW MAMMOTH MANGEL. In form and size resembles Improved Red Mammoth; the flesh, however, is a bright golden yellow, of fine quality and exceedingly rich in saccharine matter; a heavy cropper. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c., postpaid; by express or freight, 40c. per lb.; 5 lbs. and over, 35c. per lb.

CHAMPION YELLOW, OR ORANGE GLOBE MANGEL. The best Yellow Globe in cultivation; growing partly above ground; succeeds well on light land; beautiful shape; a sure cropper and excellent keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 35c., postpaid. By express or freight, 25c. lb., or in lots of 5 lbs. and over, 20c. per lb.

GOLDEN TANKARD MANGEL. A valuable yellow-fleshed variety, said to contain a large percentage of sugar. In shape it is broader than the Long Red, and not so long; exceedingly hardy, and maturing earlier than other large sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 35c., postpaid; 5 lbs. and over, by freight or express, 20c. per lb.



TABER'S GATE-POST. THE LARGEST AND BEST YELLOW MANGEL.

TABER'S GATE-POST

This variety, originated by Mr. Taber, the prominent English seed grower, has, since its introduction in England and in this country, a few years since, rapidly popularized itself, and is pronounced by leading farmers the most useful Mangel that can be grown. Its handsome, clean roots are very heavy, often weighing 40 pounds and over, and producing 2000 to 2500 bushels to the acre. Our seed of this now famous sort is also grown for us by the originator in England. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c., postpaid; by freight or express, lb., 55c.; 5 lbs. or more, 50c. per lb.

Sugar Beets

IMPROVED KLEIN WANZLEBEN SUGAR BEET. The analytical chemists of Europe have united in recommending this variety as possessing the highest sugar-producing qualities. It grows below the surface and produces a fine shapely root, the best sort for the sugar experimenter to use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c., postpaid.

LANE'S IMPROVED IMPERIAL SUGAR. An improvement on the *French Sugar Beet*. Hardier, more productive, yielding thirty-five to forty tons per acre, and containing a greater percentage of sugar. One of the best for cattle feed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c., postpaid; lb., 30c.; 5 lbs., \$1.25, by express or freight.

VILMORIN'S IMPROVED WHITE SUGAR. An improvement on the old *White Sugar*. Very rich. Pkt., 5c.; oz., 10c.; lb., 50c., postpaid.

RED TOP WHITE SUGAR BEET. The old variety, largely grown for stock feeding. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c., postpaid; 5 lbs., \$1.00, by express.

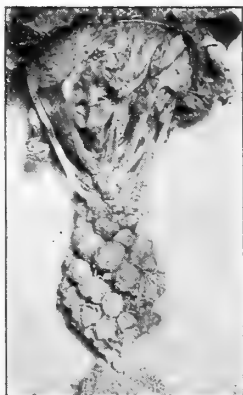
Broccoli

This very much resembles Cauliflower in appearance and uses, but is by many considered more delicate.

Early Purple Cape. Best for the North, producing compact heads. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Brussels Sprouts

IMPROVED HALF DWARF, or PARIS MARKET. The most productive and hardiest variety, bearing handsome solid sprouts like miniature cabbage heads and of the best quality. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.



IMPROVED HALF DWARF BRUSSELS SPROUTS.

Cauliflower

One ounce will produce about fifteen hundred plants and sow about forty square feet.



JOHNSON & STOKES' EARLY ALABASTER CAULIFLOWER. This is the earliest and the finest cauliflower in the world, and it is so pronounced by all growers who have had it. It is of very dwarf, erect habit, with short outer leaves. Can be planted less than two feet apart each way. It is a **sure header**, every plant forming a large, solid, perfect head, of the finest table quality. Our seed of the **Early Alabaster** is American grown, thoroughly acclimated, and from it a crop of cauliflower can be grown as easily as a crop of cabbage, and with greater profit. Pkt., 25c.; 5 pkts., \$1.00; $\frac{1}{2}$ oz., \$2.50; oz., \$1.00; $\frac{1}{4}$ lb., \$16.00.

GILT EDGE EARLY SNOWBALL. For forcing under glass during winter and early spring, or for planting later in the open ground, no stock of Snowball can surpass it. Pkt., 25c.; $\frac{1}{4}$ oz., 75c.; $\frac{1}{2}$ oz., \$1.50; oz., \$2.75; $\frac{1}{4}$ lb., \$8.50.

EXTRA SELECTED EXTRA EARLY DWARF ERFURT. One of the earliest varieties; small-leaved, dwarf for forcing, producing pure white heads of the finest quality. Do not confound this variety with the cheaper *Early Dwarf Erfurt*. Pkt., 25c.; $\frac{1}{2}$ oz., \$1.50; oz., \$2.75; $\frac{1}{4}$ lb., \$8.00.

Extra Early Paris. A popular early white, sure heading variety. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00; lb., \$6.50.

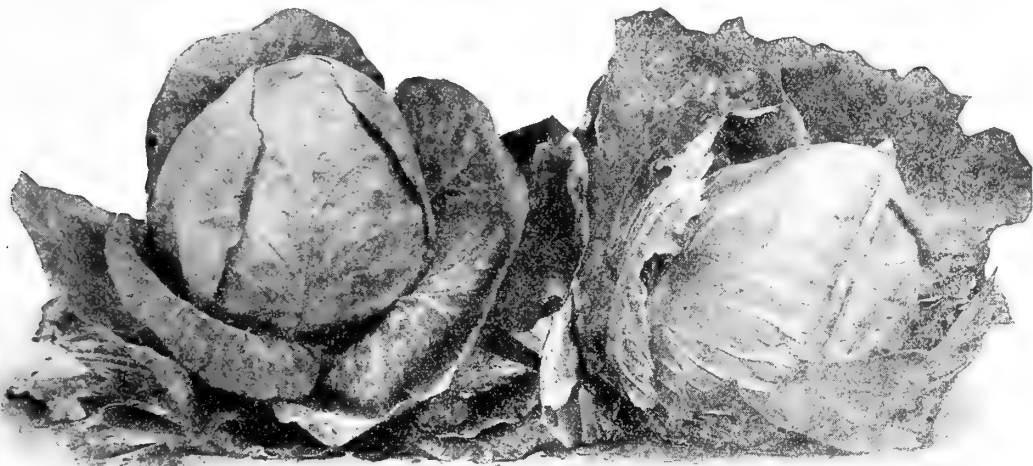
Veitch's Autumn Giant. Large, fine heads, well proportioned. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.50.

Algiers. One of the best sure heading late varieties. Pkt., 10c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.25; lb., \$8.00.

Lenormand's Short Stem. Large late variety, with well-formed white heads of extra quality and well protected by leaves. Pkt., 10c.; oz., 65c.; $\frac{1}{4}$ lb., \$2.00; lb., \$6.50.

High Bred American Grown Cabbage Seed

To market gardeners generally no vegetable is of greater importance than the cabbage; and to many growers the success or failure of this crop means gain or loss for the year. It does not pay, therefore, to take any risks in buying seed. Much of the seed commonly sold has not had the great care necessary in growing to make it reliable. Our Cabbage Seed is the very best that can be grown, raised only from the centre shoots and from carefully selected solid heads. Our crops are all personally inspected with untiring care and watchfulness. As a standing evidence of its quality, we annually supply hundreds of the best market gardeners about Philadelphia, New York, Chicago and other large cities.



JOHNSON & STOKES' EARLY JERSEY WAKEFIELD.

JOHNSON & STOKES' EARLIEST CABBAGE.

Johnson & Stokes' Earliest The Earliest and Hardest Heading of all First Early Cabbages

No words of praise can be written that would recommend this most desirable cabbage too highly. It is to-day more largely planted by market and private gardeners all over the United States than any other first early cabbage known. It gives every market gardener who plants it complete control of the early markets, and is everywhere pronounced by them the best and most profitable first early cabbage.

It is **ten days earlier** than Early Jersey Wakefield, and is **unsurpassed in fine quality**, great beauty and vigor of growth. The heads are slightly conical, large, solid and uniform in growth. Prices, pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00; 2 lbs., \$7.50; 5 lbs. and over, \$3.50 per lb., postpaid.

Johnson & Stokes' Early Jersey Wakefield

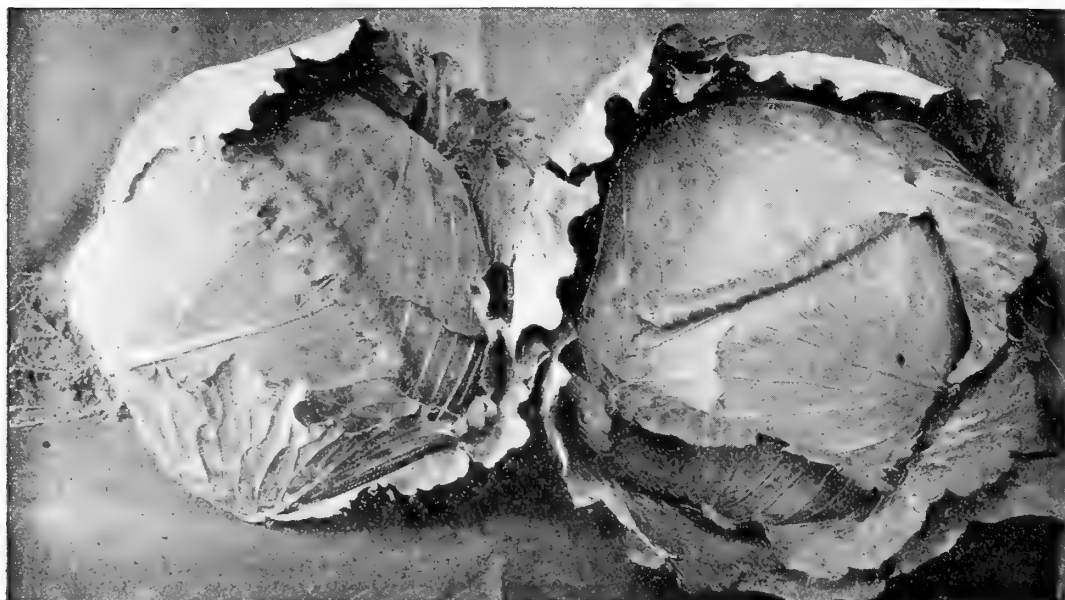
While this sort is not so early as Johnson & Stokes' Earliest, it will be found to be the very best conical headed sort to come in immediately after it. Unfortunately the great demand for Jersey Wakefield has brought upon the market large quantities of coarse and inferior stock, which has tended to diminish the popularity of the sort; but when pure home-grown stock, such as we offer, is used, it cannot fail to give perfect satisfaction. Leading market gardeners around Philadelphia, New York, Boston and elsewhere, pronounce our improved strain "the very best they can get." Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25; 2 lbs. for \$4.00, postpaid.

The Charleston or Large Wakefield Cabbage

We were one of the first seedsmen to introduce this now popular market cabbage. It is five to six days later than Early Jersey Wakefield. The heads are nearly one-half larger and very solid. It is very compact in growth, and can be easily planted in rows two feet apart and twenty inches in the rows. One great advantage both for the market and home gardener is that it does not burst open when ripe, like many other early sorts, and consequently can be left standing on the ground a long while without injury, until a favorable opportunity for cutting. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 2 lbs. for \$4.50, postpaid.



CHARLESTON OR LARGE WAKEFIELD.



JOHNSON & STOKES' MARKET GARDENERS' NO. 2, THE MOST PERFECT CABBAGE IN EXISTENCE.

Johnson & Stokes' Market Gardeners' Cabbage, No. 2

A Flat-Headed Cabbage, Coming in with Wakefield and Producing Double of any Other Extra Early

In this very valuable variety we have the **earliest and most compact of all large cabbages**. It receives nothing but praise from Maine to California, and is pronounced by prominent gardeners everywhere, the very best of all large early cabbages, either for summer or winter use. In it we have a cabbage so hardy and vigorous that it can be set earlier than Jersey Wakefield or Early Summer, and will produce fine, solid, marketable heads, more than twice as large as Jersey Wakefield and one-half again as large as Early Summer and come in as early as the Wakefield, and fully ten days earlier than Early Summer or any other round or flat-headed variety. When planted for a fall or winter crop, there is no other cabbage which will withstand the summer sun so well, and is so sure to form large, deep, solid heads, which keep perfectly all winter. Such a cabbage is **Johnson & Stokes' Market Gardeners' No. 2**, and all who have not yet given it a trial will, after growing it, be as enthusiastic in its praise as the thousands of other market gardeners and farmers who are now growing it to the exclusion of all other varieties. Pkt., 15c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50; 2 lbs., \$6.50, postpaid.

An Ideal List of Standard Early and Summer CABBAGES

Remember our prices are for seeds, postpaid, by mail. If ordered by express or freight, deduct TEN CENTS per pound from prices quoted.

Large packets of any of the following varieties, 5 cents each.

Earliest Etampes. A fine extra early small French sort, with pointed heads,
Extra Early Express. The earliest of all French cabbages; small, pointed heads,
Wonderful. The earliest American sort; heads small and loose
Early York. Very early; small heart-shaped heads; popular in England
Early Winningstadt. (Prussian Prize Stock.) Those intending to plant this variety will find our strain far superior in earliness, size, solidity and great uniformity of heading to any other ever sold in this country
All Head Early. A flat head cabbage, coming in with Early Summer, but with much larger heads; very thoroughbred and uniform
Early Flat Dutch. We offer a remarkably fine strain; a sure header, the heads weighing from 10 to 12 pounds; most valuable for forcing or for general crop,
Henderson's Early Summer. A most popular and superior second-early sort; produces large and solid heads of fine quality
All Seasons. One of the finest, growing to a large size quickly and surely
Henderson's Succession. An excellent second-early sort; on style of All Seasons; following ten days after Early Summer, with larger and heavier heads,
Louisville Early Drumhead. Dark bluish-green color; popular in the southwest,
Vandergaw Midsummer. Similar to *All Seasons*; sure heading and of fine quality,
Fottler's Improved Flat Brunswick. Large, solid heads; fine for early or late,

By Mail, Postpaid.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 30	\$1 00
15	40	1 25
20	60	2 00
10	30	1 00
15	50	1 50
20	60	2 00
20	50	1 75
20	50	1 75
20	50	1 75
20	50	1 75
20	50	1 75
15	50	1 60
15	50	1 50

DON'T FORGET

You can select 50 cents' worth of Seeds extra for each dollar sent us for Seeds in packets, and 25 cents' worth of Seeds extra for each dollar sent for Seeds in ounces. See Liberal Premiums, page 14. Also see our Book Premiums, page 13.

The Best Late or Winter Cabbages



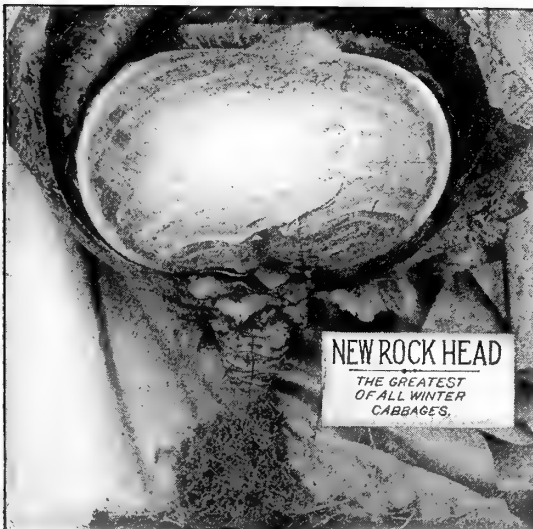
DANISH BALL-HEAD CABBAGE.

DANISH BALL-HEAD CABBAGE

A very handsome and extremely hardy imported cabbage, which is growing in popularity in America, having proven one of our very best winter sorts. It is highly prized in Denmark, and grown there almost exclusively for winter cabbage. It thrives well on thin soils and in highly exposed situations. The heads are of good marketable size, not quite so large as Flat Dutch, but very hard, round, fine-grained, and will weigh one-fourth more than other varieties of equal size. The seed we offer is grown by the originator in Denmark. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

ROCK HEAD WINTER CABBAGE

The New Rock Head Cabbage originated in Bucks Co., Pa. It is of large size and perfect shape, as shown in photograph below, and combines all those qualities so desirable to render a late cabbage perfect in every respect, viz.: size, weight, quality, sure heading and a long keeper. We have received hundreds of letters from growers of this cabbage, and there has been but one verdict from all—Rock Head the largest, most solid and best selling cabbage ever grown. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



Louderback's All Year Round Cabbage

This cabbage originated with Daniel Louderback, one of the oldest and most successful of Philadelphia market gardeners; is rapidly gaining a reputation in all sections where cabbage is grown for market. It is not only the finest early Drumhead in cultivation, but is equally as good for second and third early, intermediate and late. It heads large, compact and solid, with very short stem and few outer leaves, and unflagging under the hottest sun or heaviest frost. It may be sown successively and continuously during all periods when cabbage is planted. Seed grown by the originator. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 2 lbs., \$4.50.

Original Surehead Cabbage

This popular cabbage is rightly named Surehead. It never fails to make a remarkably fine, solid, large head, with few outer leaves. It originated some years since with a practical market gardener, by crossing the Flat Dutch and Drumhead varieties, and has always brought the highest price in our markets. It is a strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. Our supply is grown from the original seed, and none better is to be had at any price. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00; 2 lbs., \$3.50.



JOHNSON & STOKES' MATCHLESS LATE FLAT DUTCH.

Johnson and Stokes' Matchless Late Flat Dutch Cabbage.

In this superior strain of late cabbage we believe we have combined every good quality essential to perfection. It is the result of several years' continued selection for our seed stocks of the most perfect and largest heads, with low stocks, and especially those that show greater earliness in heading, with few outer leaves and a very uniform color. By such persistent selection, year after year, we have a highly improved strain, pronounced by experienced cabbage growers and market gardeners, who now grow it in preference to all others for a main crop, the finest strain of late Flat Dutch Cabbage in the world. It grows very large and never fails to make a perfect, solid head, and is most uniform in shape, size and color. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00; 2 lbs., \$3.75; 5 lbs. and over, \$1.75 per lb.

Mammoth Red Rock Cabbage

By far the best, largest and hardest heading red cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round, very solid, and of deep red color inside as well as outside. Ninety-eight per cent. of the plants will form extra fine heads, weighing from 10 to 15 lbs. each. The best of the red cabbages. We offer seed grown by the originator on Long Island. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25.



Section of our Field of JOHNSON & STOKES' HARD HEADING SAVOY, Growing for Seed.

Johnson & Stokes' Hard Heading Savoy Cabbage

This variety, the result of many years' careful selection, is certainly the perfection in the Savoy. It is unquestionably the best and most profitable strain to grow, being far superior to the Imported Drumhead Savoy, as generally sold, the seed of which can be supplied at less than half the price. The heads are large, very uniform, solid and hard, of a deep green color. It is very curly and sure to head, keeps well and retains its color until very late in the season. It is the best of all for either market or the home table, owing to its exceptionally fine quality, possessing the rich, sweet flavor of the cauliflower when cooked. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

An Ideal List of Standard Late or Winter CABBAGES

Postpaid by Mail.

All varieties in regular large-sized packets at 5 cents per packet.

Deduct 10 cents per lb. from these prices if ordered sent by express.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Autumn King, or World Beater. A new strain; enormous solid heads	\$0 20	\$0 50	\$1 75
The Lupton. Earlier than Flat Dutch; of closer growth; a sure header; very uniform, large, solid, dark green; quality very fine	20	60	2 00
Hollander, or German Export. Heads solid, medium size, white, very distinct,	30	75	2 75
Diamond Winter. Heads extra hard and solid, somewhat flattened	30	75	2 75
Carolina Hard Header. Large, round, solid heads; popular in the South	25	70	2 25
Short Stem Drumhead. Surpasses the old Late Drumhead, ripening earlier, with very short stem, forming larger and thicker heads; of fine quality	25	70	2 25
Large Late Drumhead. Old favorite winter sort; valuable for main crop	15	40	1 40
Premium Flat Dutch. Largely grown for main crop; a favorite for winter market,	15	40	1 40
Bridgeport Drumhead. The standard shipping cabbage around Chicago; large, round heads of finest quality, seldom rots or bursts	25	70	2 25
Marvin's Savoy. A new strain originated on Long Island; fine quality	15	40	1 50
Perfection Drumhead Savoy. Large loose heads, nearly round	15	40	1 50
Improved Red Dutch Erfurt. Very hard heads; of deep blood color	20	50	1 75

DO NOT FORGET TO AVAIL YOURSELF OF THE MOST LIBERAL PREMIUMS EVER OFFERED

50

CENTS' WORTH OF SEEDS EXTRA

Will be allowed on each ONE DOLLAR sent for seeds in PACKETS.

Thus, anyone sending us \$1.00 can select Seeds in Packets to the value of \$1.50; for \$2.00, Seeds in Packets to value of \$3.00; for \$3.00, Seeds in Packets to value of \$4.50; for \$4.00, Seeds in Packets to value of \$6.00, and so on.

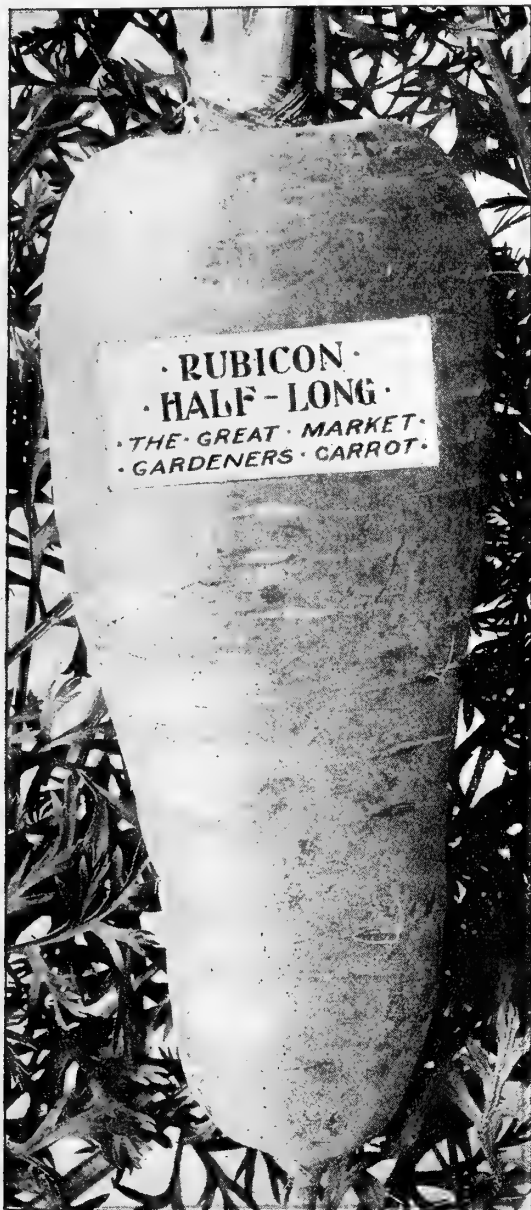
25 CENTS' WORTH OF SEEDS EXTRA

will also be allowed on each ONE DOLLAR sent for seeds in OUNCES. Thus, \$1.00 buys seeds in Ounces to the value of \$1.25; \$2.00 buys Seeds in Ounces to the value of \$2.50; \$3.00 buys Seeds in Ounces to the value of \$3.75; \$4.00 buys Seeds in Ounces to the value of \$5.00, and so on, as stated on page 14.

These Liberal Discounts are allowed on all Flower and Vegetable Seeds offered by the packet and ounce.

CARROT

One ounce will sow about one hundred and twenty-five feet of drill; four pounds will sow an acre.



RUBICON HALF-LONG ORANGE

Since our introduction of this valuable and distinct American carrot a few years ago, it has rapidly grown in popularity, until now it is more largely grown than all other varieties of carrot combined. It is the best in shape, and its deep red orange-colored flesh is the finest in quality of all, unless it be the New French Market, described on page 3. The strain was selected and perfected by a well-known market gardener of Connecticut, under whose care the carrots attained such uniform shape that they are almost exact duplicates of each other. It is earlier than Danvers, about the same length, but heavier and thicker at the shoulders, making it more productive; the leaves are also shorter, fewer and finer. It is a wonderfully heavy cropper, producing thirty to forty tons to the acre under good field culture. It grows without neck, the crown is hollow, and it grows well under the ground, which prevents it from becoming sunburnt. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid; 2 lbs., \$1.70; 5 lbs. and over, 80c. per lb., by express or freight.

New French Market Carrot

A magnificent variety from France, the highest colored and most bountiful yielder of all. See novelties, page 3. Pkt., 10c; oz., 2c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Nichols' Long Orange Carrot

We procured this stock some years since from Mr. Robert Nichols, one of the most successful market gardeners of this city. The strain is much earlier than the Long Orange as usually sold. The color is of a deep golden orange when young, shading to a deep orange red when fully grown. The root is perfectly smooth, grows without any neck; the top is short, and this together with its extreme earliness, admirably fits it for early use. It is also one of the best varieties for growing outside, on account of its great productiveness and adaptability to all kinds of soil. We are headquarters for seed of this popular carrot. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid; 5 lbs. and over, 75c. per lb., by express or freight.

Improved Danvers Half-Long

Our Improved American stock of this valuable variety is preferred by many gardeners to any other sort. The top is small; color, a rich shade of orange; shape, handsome and smooth; quality, the very best. One highly valuable feature of our strain is that it has its full color when quite young, which enables it to be pulled sooner. It is equally valuable to grow for feeding stock, being well adapted to all soils. Under good cultivation we have known it to produce thirty tons to the acre. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c., postpaid; 2 lbs., \$1.20; 5 lbs. and over, 55c. per lb.

RED PARISIAN FORCING. A distinct new variety; earliest of all; as round as a turnip; has a fine neck, leaves short and erect. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Very Early Short-Horn Scarlet or French Forcing. Small root. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EARLY SCARLET HORN. Favorite summer variety; orange color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

HALF-LONG NANTES. (Stump-rooted.) A fine intermediate variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

CHANTENAY. Resembles Half-Long Nantes, but has larger shoulders. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Early Half-Long Scarlet. Rich color, very fine for table use or forcing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

NEW LONG RED CORELESS. Stump-rooted, free from any heart or pith. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

SAINT VALLERY, or NEW INTERMEDIATE. Grows to uniform large size, intermediate in shape between the Half-long and Long Orange. Roots are straight, smooth. Rich orange red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

OX-HEART, or HALF-LONG GUERANDE. (Stump-rooted.) An intermediate between the Half-long and Horn varieties, attaining a diameter of four inches at the neck; of beautiful shape, rich orange color, extra fine quality, productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

IMPROVED LONG ORANGE. The well-known and popular old stand-by for late summer and winter use; grown extensively for feeding stock. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c., postpaid; 5 lbs. and over, 50c. per lb.

Large White Belgian. Grows one-third above ground; large white root, with green top; grown exclusively for feeding stock. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c., postpaid; 5 lbs. and over, 40c. per lb., by express.

Large Yellow Belgian. A good stock-feeding variety, differing from the above only in color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c., postpaid; 5 lbs., \$2.25, by express.

What is Thought of Our Seeds By Those Who Grow Them

We could fill every page of this catalogue with just such extracts from letters received.

E. J. Fechley, Clark's Green, Pa., Sept. 19, 1898, writes: "I feel it a duty to say that the seeds purchased from you contributed largely to my success this year. Of the \$13 worth of seeds received from your firm, every seed planted came up and produced exactly as represented in your truthful catalogue."

Mrs. Mary A. Pickens, Randolph, Texas, June 7, 1898, writes: "Your seeds always grow, are true to name, and of the very best quality. I can find no others to equal them."

G. E. Clark, Erin, Ontario, Canada, Sept. 21, 1898, writes: "Your seeds we found were even better than you represent."

Martin Yokley's Sons, Market Gardeners, Pittsfield, Ills., Sept. 1, 1898, write: "We can safely state that Johnson & Stokes have sold us live and pure garden seeds for the past twelve years."

Charles R. Hart Co., Hartford, Conn., May 5, 1898, write: "Seeds and plants received in perfect condition; every package showed evidence of perfect system in your immense trade."

Celery

One ounce will produce about twenty-five hundred plants and sow about two hundred feet of row.



JOHNSON & STOKES' GOLDEN SELF-BLANCHING CELERY.
Prepared for Market.

JOHNSON & STOKES' Golden Self-Blanching

The Golden Self-Blanching Celery is pronounced by hundreds of our patrons the very best and most profitable celery in cultivation. It is very early, entirely self-blanching, and can be grown without any banking up or covering whatever, even the outer ribs assuming a yellowish white color. The heart is of a beautiful golden yellow color, very large, crisp and solid. It is unequalled in striking appearance on the table or market stall, and decidedly the best keeper of all the self-blanching varieties. The largest celery growers are now planting their entire early crops in this variety, and pronounce our strain the best and purest obtainable. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

New Rose-Ribbed Golden Self-Blanching, or Golden Rose Celery

A sport from our Golden Self-Blanching, possessing its self-blanching and all other good qualities. The ribs, however, assume a warm rosy hue, which deepens as the season advances. We can recommend this charming new variety very highly. Pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25.

New Winter Queen Celery

The best late celery, of superb quality and will keep longer than any other. Although only introduced by us in 1897 it has already attained the pinnacle of perfection as a late-keeping winter celery. See Novelties, page 5. Pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Perfected White Plume Celery

Each year adds to the popularity and value of White Plume Celery. Like our *Golden Self-Blanching*, it requires very little earthing up to blanch it, and although its keeping qualities are not equal to our *Golden Self-Blanching*, yet as a celery for the fall and early winter use, it is unsurpassed. Our strain of this variety is closely selected each year, and will be found entirely free from green celery, so prevalent in much of this seed sold. Market gardeners everywhere, who purchase from us, are unanimous in pronouncing our White Plume the best and purest strain they can get. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25, postpaid; 2 lbs. for \$4.00.

New Pink Plume Celery

This new celery is practically identical with White Plume, except that the stalks are suffused with a dainty pink, adding the crispness and rich nutty flavor for which the red celeries are noted. It is a strong, healthy, compact grower, with no tendency to rust; extra early and a good keeper. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25.

Giant Pascal Celery

This variety is also a sport from our *Golden Self-Blanching*, thoroughly established by careful selection. It partakes of the best qualities of that variety, but is somewhat larger and taller. It is of a fine nutty flavor, being entirely free from any bitter taste. It grows about two feet high; the stalks are very broad, thick, crisp and very brittle; the width and thickness of these are distinctive features of this variety. It bleaches with but slight "earthing up," and very quickly, usually in five or six days. A splendid keeper for winter use. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

PERLE LE GRAND CELERY

VALUABLE FOR BOTH EARLY AND LATE USE. The Perle Le Grand Celery was named and introduced by us in 1894, and has met with large sale. Its beautiful, full golden heart and rich nutty flavor are unapproached by any of the older sorts. On the market stall it is extremely showy and salable, a single plant making a good-sized bunch and surpassing nearly all other sorts in weight. It is not only a good early celery, being among the first fit to use, but also valuable as a winter keeper, remaining, when properly trenched, in perfect condition away into the spring. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00, postpaid; 2 lbs., \$5.75; 5 lbs. and over, \$2.75 per pound, by express or freight.



NEW PERLE LE GRAND CELERY.



Blanching Celery with Boards, as Practiced near Philadelphia.

This is one of over fifty photographic reproductions which appear in our new book, "Farm Gardening, or Quick Cash Crops and How to Grow Them." No celery grower can afford to be without this valuable little book, which we will send postpaid to any post-office in the United States for 50c., or it may be had free with your order, if it amounts to \$3.00 or over. See Book Premiums, page 13.

The Best of the Old Standard CELERIES

Large packets of any variety, 10 cents each. If ordered sent by freight or express, 10 cents per lb. should be deducted from our prices.

Golden Dwarf or Golden Heart. Fine, large, solid, waxy-golden heart
Perfection Heartwell. Magnificent, large, golden-yellow heart; of very superior quality; excellent winter market sort

Schumacher. Immense size; solid, crisp; firm golden yellow heart; a fine keeper; very popular in New York markets

Dilk's Many Hearted. Distinct dark green foliage, large and heavy

Vautier's Giant Golden Heart. Very large and fine; popular at Philadelphia,

Kalamazoo Large Ribbed. Half-dwarf white; grown largely in Michigan

Boston Market. White, crisp and solid; very dwarf, crisp and tender

Crawford's or Henderson's Half Dwarf. Solid yellowish-white; nutty flavor

Giant White Solid. Of tall, large size; very solid, pure white

New Rose. The best red celery; solid, crisp and ornamental

Soup or Flavoring Celery (Old Seed). Used for flavoring soups, stews, etc.

By Mail, Postpaid.

Per oz.	¼ lb.	Per lb.
\$0 15	\$0 40	\$1 50
20	60	2 00
25	70	2 25
20	60	2 00
25	70	2 25
20	50	1 75
15	40	1 50
15	40	1 50
15	40	1 50
25	70	2 25
5	15	35

Celeriac—Turnip-Rooted Celery

LARGE SMOOTH PRAGUE. The largest, smoothest and best. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

Apple-Shaped. A new kind, with small foliage, the roots very smooth. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.40.

Corn Salad or Vetticost

One ounce will sow about eighteen square feet, and six pounds will sow one acre.

BROAD LEAVED (LARGE SEEDS). A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Sow in spring in drills one foot apart. It will mature in six weeks. For early spring use sow in September and winter over like spinach. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c., postpaid; 5 lbs. and over, 45c. per lb., by express.

Collards (Colewort)

Collards are largely used as "greens" in some parts of the country, especially South. They are a form of the cabbage, bearing new leaves as the old ones are pulled off.

True Georgia. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Chervil

This plant has a fine flavor and perfume, and is used for flavoring soups, etc., and in salads.

Curled. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Chicory

Large Rooted. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Chives

Chives are very hardy and perennial members of the onion family. They are grown exclusively for their tops. Planted in clumps in any garden soil, they grow readily, and increase so as to render a division necessary. The tops appear very early in spring, and can be cut throughout the season. Roots, per bunch, 25c., postpaid.

Cress

One ounce will sow about fifteen square feet.

Extra Curled, (Pepper Grass.) Fine flavor and can be cut several times. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

TRUE WATER CRESS. A well-known aquatic plant, with oval leaves, making a delicious and appetizing salad. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.25.

NEW UPLAND CRESS. A perennial, grown same as spinach, but exactly resembles water-cress in flavor. Pkt., 10c.; 3 pkts., 25c.

Corn—Sweet or Sugar

Choice Eastern Grown Seed

One quart will plant about two hundred hills and one peck is required to plant an acre in hills.

Please remember our prices on Sweet Corn by the pint and quart include prepayment of postage by us. Customers ordering Sweet Corn to be sent by freight or express can deduct 8c. per pint and 15c. per quart from these prices.

HALF-SIZED PACKETS of SWEET CORN, PEAS and BEANS put up to sell at 5c., postpaid, are "TOO SMALL FOR ANY USE." We therefore put up only large, full-sized packets at 10c., postpaid.

NEW EARLY EVERGREEN

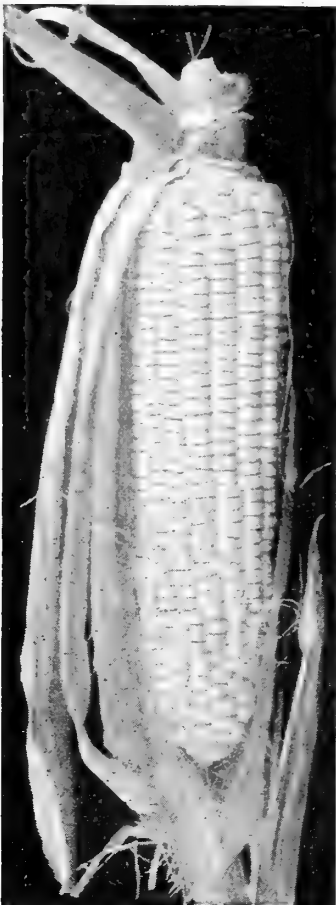
A selection from Stowell's Evergreen, possessing all its good qualities, but coming in ten days ahead of that famous variety. See illustration and description under Novelties, page 5. Pint, 25c.; qt., 45c., postpaid; peck, \$1.35; bush., \$5.00.

KENDEL'S EARLY GIANT SWEET CORN

Our attention was first called to this new white cob sweet corn in the spring of 1896, and, after critical tests on our trial grounds and among our customers, we find it possesses great merit. It is very early, being fit for use in sixty days from planting. The ears are large, 8 to 10 inches in length, the majority having twelve rows to a cob. Kernels pure white, very sweet and tender. It is also a most productive variety, and will prove a valuable acquisition to every home or market gardener who plants it. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid; qt., 25c.; peck, \$1.00; bush., \$3.50, by freight or express.

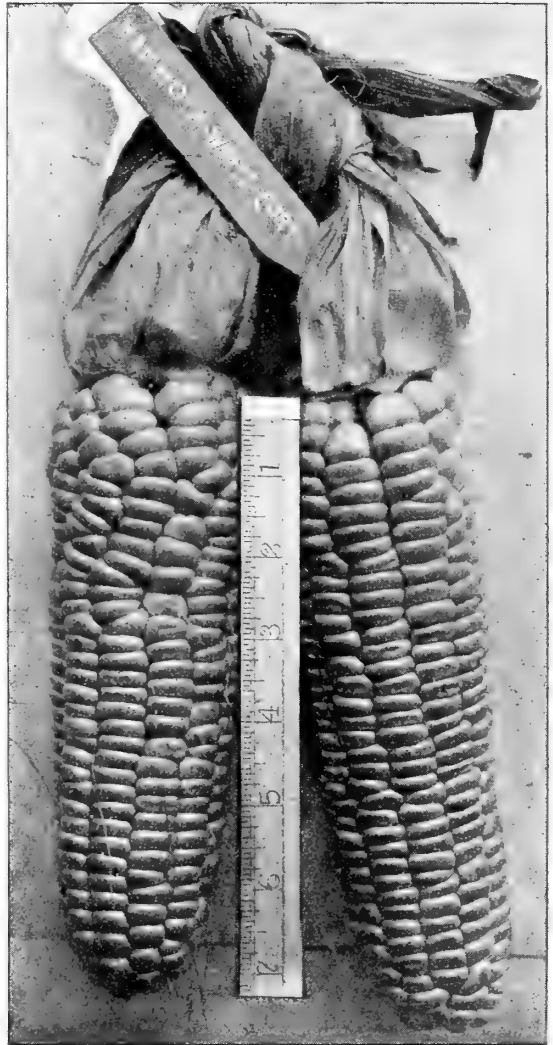
BURLINGTON HYBRID CORN

This variety has been grown for several years with great profit by the truckers of Burlington County, N. J. It has been adopted by a large number of our own patrons,



GREEN EAR OF BURLINGTON HYBRID.

on our recommendation, many of whom have written us that it gives them entire control of the early markets. It is a cross between Adams' Extra Early and a large-eared productive variety of sugar corn. Its great market value can be readily seen from the fact that it is nearly as early as the Adams, with an ear as large as Stowell's Evergreen, and more productive than either, it having frequently produced over one hundred bushels to the acre grown as a field crop. Although not legitimately a sugar corn, yet the husks, blades and ear in a green state exactly resemble the sugar varieties, as shown in our photograph alongside, and it sells readily in market as a sweet or sugar corn. It is, however, of much better eating quality than the Adams. When dry the grain is smooth and of a creamy white color. The stalks grow to a height of about five feet and very compact, admitting of close planting; the ears begin to set low down, and are borne three to four to a stalk. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid; qt., 25c.; peck, 90c.; bush., \$3.00, by freight or express.



MAMMOTH WHITE CORY SWEET CORN

A decided improvement over both the popular White and Red Cory, producing large ears, from 7 to 8 inches long, as shown in photograph, and a real improvement over all other extra early sorts. The ears are twelve-rowed, fully twice the size of the old Cory, white-cobbed and covered with very large white grains of extra quality. No other sweet corn will find ready sale in a market which is supplied with Mammoth White Cory, and the gardener or farmer who wishes to get the cream of the trade should make his plantings of this splendid new sort. Pkt., 10c.; pt., 25c.; qt., 45c.; postpaid. Qt., 30c.; peck, \$1.10; bush., \$4.00, by freight or express.

EARLY CHAMPION SWEET CORN

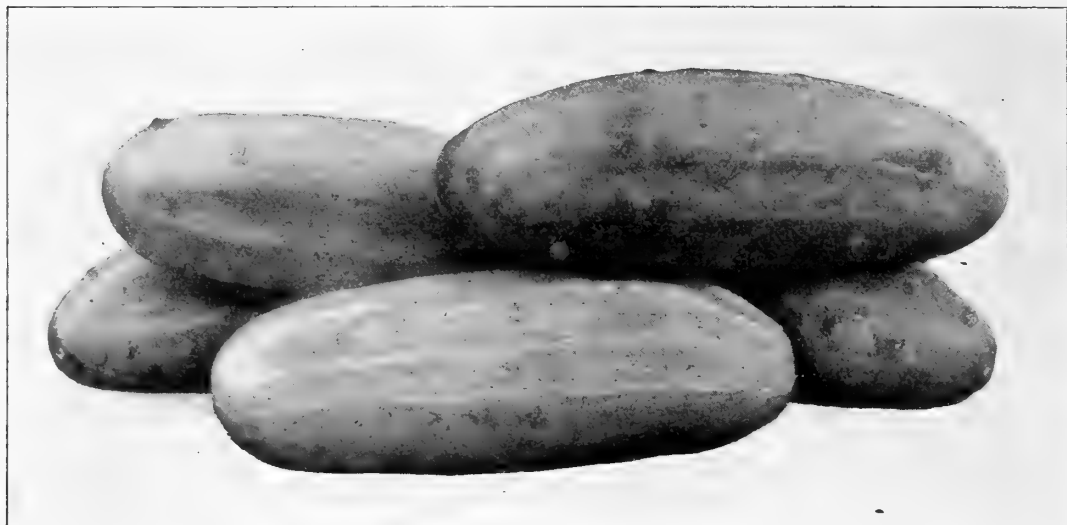
In recent years we have introduced several new varieties of sweet corn, all of which have now become leading standard sorts. From our own trials and experience of a large number of our customers who grew the New Champion last season, we predict that, when fully introduced, it will become a leader among the early sorts. Mr. E. B. Clark, of Connecticut, is one of the largest growers of Seed Sweet Corn in this country, and we know of no one who is a better authority on the subject. He writes as follows: "New Champion is the largest and best early corn we know of. It ripens a little earlier than Crosby's Extra Early, with an ear larger than Concord; in fact, many of the ears grow fully as large as Evergreen. It is 10 and 12 rowed and pure white in color. Its earliness and large size will certainly make it one of the most desirable for market or home use." Per pkt., 10c.; pint, 25c.; qt., 40c., postpaid; qt., 25c.; peck, \$1.00; bush., \$3.50, by freight or express.

SWEET CORN—Standard Extra Early Varieties

Choice Eastern Grown Seed. Superior to Western Grown.

Early Cory. (Red Cob.) A very early variety, with fair-sized ears; excellent for market, and has attained wide popularity
First of All. A selection from Cory; ears medium size; tender . . .
White Cory. Resembles ordinary Cory; but white cobs and grain, . . .
Burbank's Early Maine. One of the earliest; with large, pure white ears; of first-class quality for an early sort
Minnesota. Nearly as early as Cory; of dwarf growth; ears white, . . .
Perry's Hybrid. Very early and of large size; valuable for market, . . .
Bonanza. As early as Crosby's; twice as large; valuable for market, . . .
Adams' Extra Early. Not sugar corn; grown for early use . . .
Crosby's Extra Early. Fair-sized ears; of excellent quality . . .

Postpaid.		By Express or Freight.		
Pint.	Qt.	Qt.	Peck.	Bush.
\$0 20	\$0 35	\$0 20	\$0 80	\$2 75
25	40	25	90	3 00
25	40	25	90	3 00
25	40	25	90	3 00
25	40	25	90	3 00
25	40	25	90	3 00
25	40	25	1 00	3 50
20	35	20	70	2 50
25	40	25	1 00	3 25
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	90	3 00
20	35	20	80	2 75
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00
25	40	25	1 00	3 50
25	40	25	90	3 00



IMPROVED ARLINGTON WHITE SPINE CUCUMBER—Extra Selected Stock

A marked improvement over all other strains of White Spine, and, since its introduction a few years ago, it has proven a most profitable variety with all truckers who have grown it, bringing better prices in the Philadelphia, Boston and New York markets than any other variety. The vine is very hardy, and its earliness has been developed until the first fruit is ready for shipment a week or more in advance of the best White Spine. The color is a clear, rich green, brilliant and permanent to an extraordinary degree. Its shapely form is well shown in our photograph above. In productiveness, it ranks first, the cucumbers being set in profusion, close to the hill, and of unequalled symmetry and uniformity. While this is the best sort for market and shipping, there is no better variety for the home garden. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid; by express, lb., 65c.; 5 lbs. and over, 60c. per lb.

CUCUMBERS—A List of Varieties Worth Growing

Large packets, 5c. each. Deduct 10c. per lb. if ordered by Express or Freight.

New Eskimoso. The earliest cucumber in cultivation; a week ahead of Early

Russian; of excellent quality and wonderfully prolific for one so early . . .

Jersey Extra Early Prolific. Ten days earlier than Jersey Pickle

New Everbearing or Siberian. Small pickler; early; productive

Peerless, or Improved White Spine. A fine strain; very early

Evergreen White Spine. Very early and prolific; straight; full at both ends;

retains its fine, deep green color in all stages of growth

Cool and Crisp. Black-green color; desirable shape for pickles

Johnson & Stokes' Perfected Jersey Pickle. See Novelties, page 4

Early Frame or Short Green. For slicing or pickling; productive

Westerfield's Chicago Pickle. One of the best pickles; very popular

Nichol's Medium Green. Thick through; full ends; for slicing or pickling . .

Green Prolific, or Boston Pickling. Dark green; uniform small size

Thorburn Commercial Pickle. White Spine type; dark green

Improved Long Green. (Jersey Pickle.) Dark green, crisp and productive . .

Giant of Pera. Grows 1 to $1\frac{1}{2}$ feet long; the best for table use

New Japanese Climbing. Extra strong vine; very prolific

New White Pearl. Small; smooth fruits; the best white cucumber

West India Gherkin, or Burr. Small; prickly fruits; best for small pickles . .

Serpent, or Snake. A great curiosity; six feet long; a Chinese delicacy . . .

Postpaid by Mail.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 30	\$1 00
10	25	75
10	20	60
10	20	60
10	25	70
10	20	60
15	35	1 25
10	20	60
10	20	60
10	20	60
10	20	65
10	20	60
10	25	70
10	25	75
10	20	60
10	25	75
15		

POP CORN FOR THE BOYS

QUEEN'S GOLDEN POP CORN. This new sort is one of the best of all for popping, owing to its large size, extreme tenderness and pure white color when popped. It grows about six feet in height, and bears three to four good ears to a stalk. Ear, 10c.; 4 ears, 25c.; shelled, per pkt., 10c.; pt., 20c.; qt., 40c., postpaid; lb., 15c.; 2 lbs., 25c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 6c. per lb., by express.

MAPLEDALE PROLIFIC POP CORN; WHITE RICE POP CORN; SILVER LACE POP CORN. Ear, 10c.; large packet, shelled, 10c.; pint, 25c.; qt., 45c., postpaid; lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 6c. per lb., by freight or express.

Special prices for larger lots.

Dandelion

Improved Large or Thick Leaved. A very early and healthful spring salad. Sow early in drills eighteen inches apart. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Fennel

FLORENCE CELERY, Rooted. A novelty from Italy, where, owing to its delightful sweet flavor, it is much preferred to celery. Pkt., 10c.; 3 pkts., 25c.; oz., 75c.

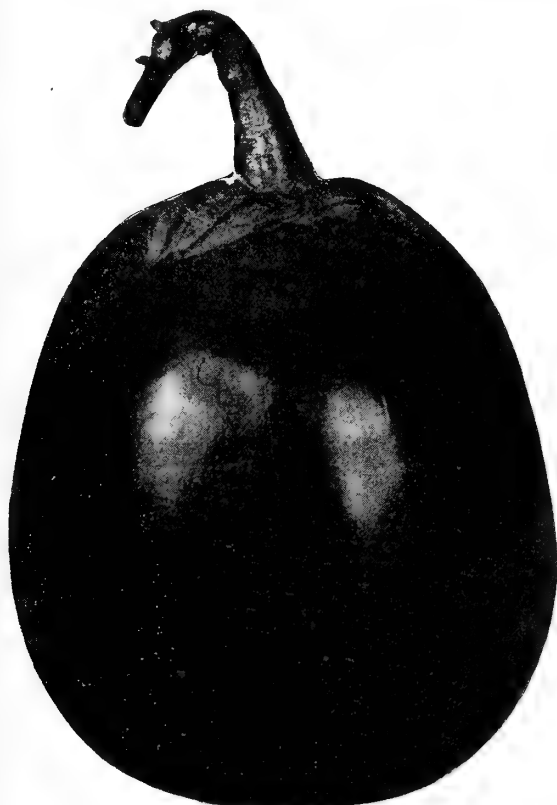
Garlic

The sets should be planted in spring. Cultivate like onions. Sets, per $\frac{1}{4}$ lb., 25c.; lb., 40c., postpaid; 10 lbs. and over, 25c. per lb.



Distribution of Water through Home-made Hose Pipe. An illustration from our new book—"Irrigation by Cheap Modern Methods." No gardener should miss reading this work.

It tells you just what you want to know in just the way you want to be told, and will surprise you as to the cheapness and practicability of Irrigation. Sent, postage paid, to any address for 50c., or may be had free with your seed order. See Book Premiums, page 13.



NEW JERSEY IMPROVED LARGE PURPLE EGG-PLANT.

Egg-Plant

One ounce will produce about one thousand plants.

New Jersey Improved Large Purple Smooth Stem

In the great markets of New York and the North the finest egg-plants seen are those produced in New Jersey, whose growers have, by long experience, attained remarkable skill in bringing this plant to the greatest perfection. The **New Jersey Improved** is a decided improvement on the New York Large Purple, in quality, size and great beauty. The plants are large and vigorous; leaves of a light green shade; fruit early, very large, oval, and of a fine deep purple—never red or yellow; flesh white, tender and of a superior quality. A sure cropper. Our customers will find this variety the **very best in cultivation**. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

NEW YORK IMPROVED LARGE PURPLE SPINELESS. A leading market variety, grown extensively in sections where the New Jersey Improved has not been introduced; large, round, dark fruits; excellent and productive. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

Endive

One ounce will sow fifteen feet of drill and will produce about three thousand plants.

NEW BERLIN GIANT. A new variety from Germany, surpassing all others in large size and handsome appearance. All those who grow endive will be fully repaid by giving it a trial. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.50.

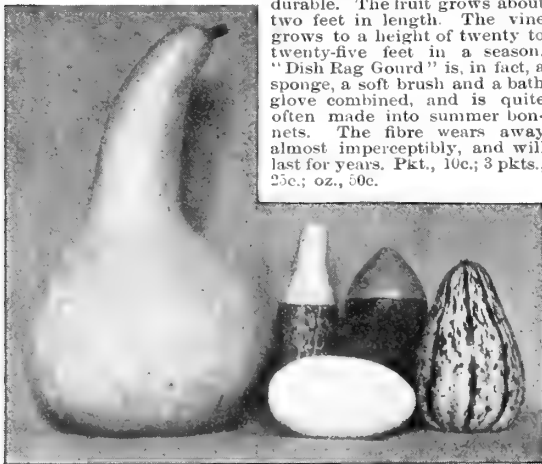
MAMMOTH GREEN CURLED ENDIVE. This variety is much larger and superior to the old Green Curled. The leaves are very crisp, tufty and full. The mid-rib is pure white, very heavy, thick, fleshy and tender. It is equally suitable for spring, summer or autumn planting. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25.

EVER WHITE CURLED. A beautiful variety; mid-rib yellow. Leaves almost white, large size, crisp and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

Gourds

The most useful for household and farm purposes.

LUFFA, or DISHCLOTH. This remarkable and hardsome climber is a native of the East Indies. In its nature has furnished us with a vegetable dishcloth, the seeds being enveloped in a sponge-like cloth, tough, elastic and durable. The fruit grows about two feet in length. The vine grows to a height of twenty to twenty-five feet in a season. "Dish Rag Gourd" is, in fact, a sponge, a soft brush and a bath glove combined, and is quite often made into summer bonnets. The fibre wears away almost imperceptibly, and will last for years. Pkt., 10c.; 3 pkts., 25c.; oz., 50c.



DIPPER GOURD. NEST EGG. ORNAMENTAL.

DIPPER. Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles six to twelve inches long. They are convenient for dipping hot liquids, etc. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

JAPANESE NEST EGG. These exactly resemble the eggs of hens, making a capital nest egg; superior to glass eggs, as they do not break and are uninjured by cold or wet. The plant is a rapid growing climber. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

SUGAR TROUGH. Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, lasting for years, and capable of holding from two to ten gallons each. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

FINE MIXED ORNAMENTAL. A collection of the most ornamental, beautifully colored, mottled and striped, and including all the above. Pkt., 10c.; 3 pkts., 25c.; oz., 40c.

Horse Radish

Horse Radish is grown from young roots or sets which should be planted out in the spring. They will form a large-sized radish, fit for use in one season's growth. Roots, per dozen, 20c.; per 100, 75c., post-paid (50c. per hundred; \$3.00 per 1,000, by express). Write for special prices in large lots.

Kale—Borecole

One ounce will produce about two thousand plants.

JOHNSON & STOKES' NEW IMPERIAL, or LONG STANDING. A beautifully curled and crimped sort. Of strong, vigorous habit, perfectly hardy, bright green color, and very attractive in appearance. It is superior to all other sorts, and will stand longer without shooting to seed than any other variety. Height, about two feet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

EXTRA DWARF GREEN CURLED SCOTCH KALE. This is one of the best kales for spring sowing in the North, and is the principal sort grown in the South for Northern markets. It is hardy, and will remain over winter in any place where the temperature does not go below Zero. The habit is very dwarf and spreading, and will rarely exceed eighteen inches in height. The leaves are of a bright green color, beautifully curled, and produced in great abundance. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

GREEN CURLED SCOTCH. Philadelphia Stock. A favorite with Northern market gardeners; growing about two feet in height and hardier than the Extra Dwarf Green Curled Scotch, being improved by frost; leaves green and beautifully curled and wrinkled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

SIBERIAN CURLED. (German Greens.) This variety grows a little larger and coarser than the preceding; the leaves are not so deeply curled and are of a bluish green color; very hardy. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

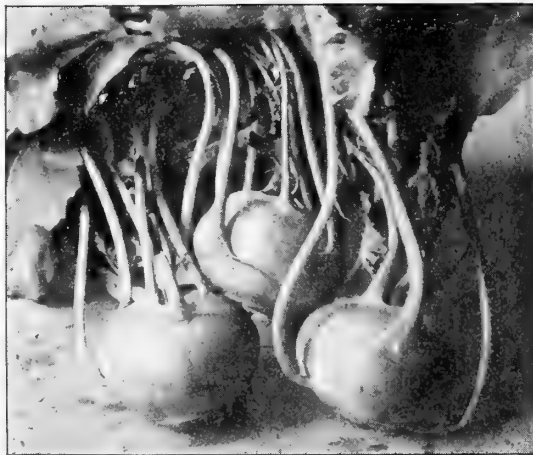
CURLED MOSBACH. A particularly fine strain; leaves bent upward, light green, double curled, white narrow ribs and veins—very showy, resembling a fine curled parsley. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.60.

SEA KALE. Grown for its blanched shoots; cooked like Asparagus. Sow early in the spring, in rows two feet apart; thin out to stand six inches in the rows; before winter, cover with leaves; the next spring transplant in hills three feet apart. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Kohl-Rabi

Or Turnip-Rooted Cabbage

This is a favorite vegetable in Europe, where it is extensively grown for feeding cattle, as well as for table use. The bulb is formed above ground, and, if used when young and tender, makes a most delicate dish for the table. One ounce will sow one hundred and fifty feet of drill.



NEW SMOOTH WHITE SHORT-LEAVED KOHL-RABI.

NEW SMOOTH WHITE SHORT-LEAVED

Owing to the increasing demand for this popular European vegetable, many gardeners have added it to their crops. After several years' comparative tests we find this new sort decidedly the best for market and table use, being much superior to Vienna. It is very early and the best for forcing as well as for outside growth. Bulb is greenish white, beautiful smooth shape and of the very finest texture and quality. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

NEW SMOOTH PURPLE. Very Short-Leaved. Like the above, except in color. An extra fine purple. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

EARLY WHITE VIENNA. Small bulb, early. Flesh tender and white. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60.

EARLY PURPLE VIENNA. A little later than the white; color bluish-purple. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60.

Leek

One ounce will sow one hundred feet of drill, and produce about one thousand plants.

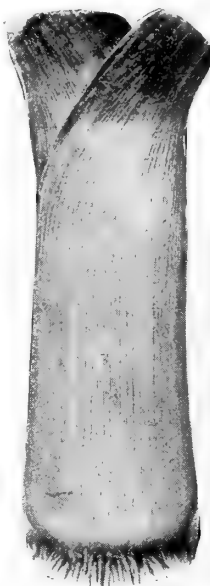
NEW GIANT ITALIAN.

This new leek from Italy is fully twice the size of the ordinary London Leek, and much handsomer in appearance. Like the Italian onions, it is very mild and agreeable in flavor; extremely hardy and a fine keeper. All who have grown it were astonished at its large size and fine white appearance. It is by far the best leek that can be grown either for the market or home use. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

LARGE AMERICAN FLAG. Previous to our introduction of the Giant Italian, this was the favorite variety with gardeners. Very fine and large. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60.

CARENTAN, or SCOTCH CHAMPION. An extra large variety from Scotland, growing rapidly and very hardy. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

London Flag. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.



GIANT ITALIAN LEEK

Lettuce

One ounce will sow about one hundred square feet and produce three thousand plants.

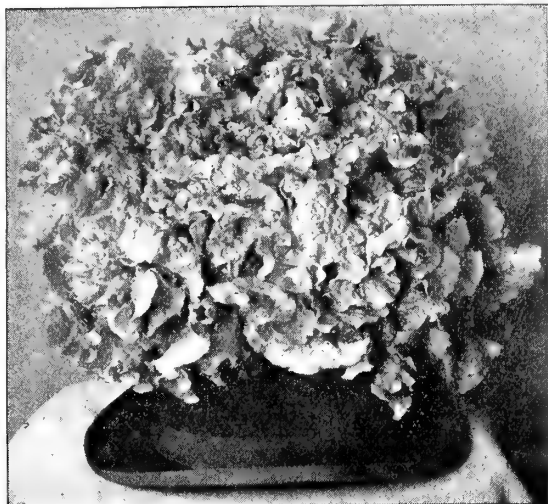
MYER'S "ALL-RIGHT" LETTUCE. Produces beautiful large solid heads, of the finest quality, at all seasons of the year. See Novelties, page 6. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$1.00.



HORNBERGER'S DUTCH BUTTER. This variety is a greatly improved strain of the Dutch Speckled Butter, made by a well-known Philadelphia market gardener, highly prized for early spring and autumn sowing, producing crisp, white, very large solid heads, almost equal to a cabbage in size and weight; the outer leaves are speckled with a brownish tinge. It is an elegant forcing variety, or for growing in cold frames, and stands heat and cold to a remarkable degree. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.25.

REICHNER'S EARLY WHITE BUTTER, or RIDGE LETTUCE. The result of several years' selection made by the Reichners, who are among the best market gardeners around Philadelphia. It is one of the best forcing lettuces, as well as one of the best for sowing in open ground, and for planting on ridges, being entirely hardy. Produces fine, large, white solid heads of superb quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

NEW TREASURE. This new and distinct lettuce forms a fine, large, solid head, with leaves of a rich, creamy-yellow color, which are very tender and buttery in flavor, surpassing nearly all other sorts in fine quality. It is a fine early lettuce and also one of the best summer varieties, being extremely slow to shoot to seed. It is sure to delight all planters who grow it. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.



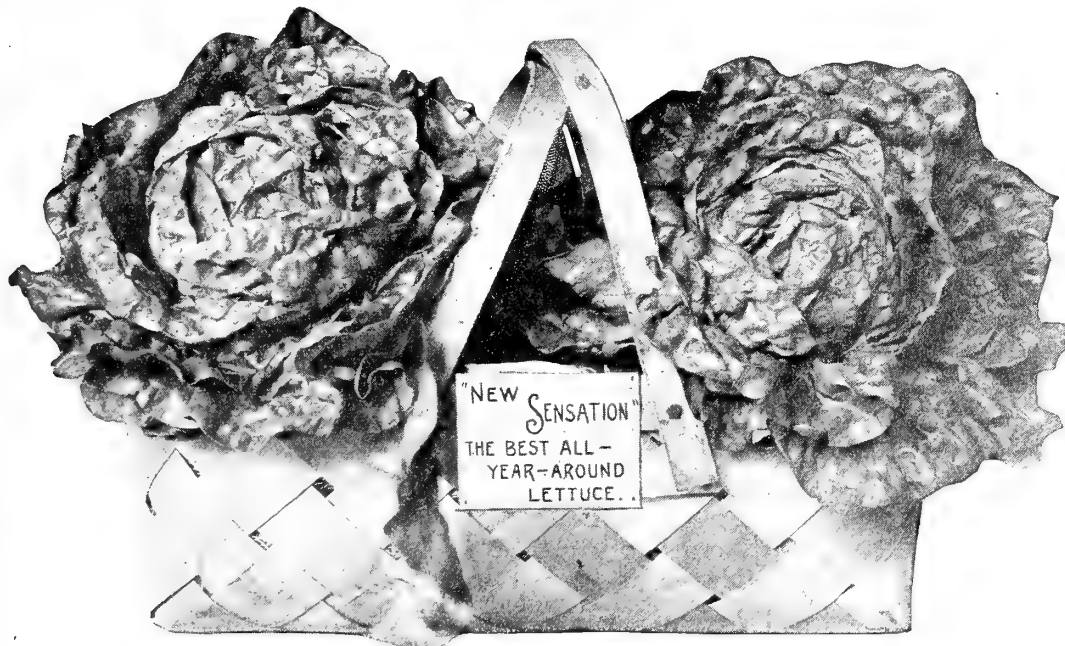
THE MORSE LETTUCE ON A $7\frac{1}{2}$ HAT.

The Morse Lettuce

This most excellent new Lettuce might be called an improved Black Seeded Simpson, except from the fact that the seed is white. It grows to a large size, as shown in photograph above. The outer leaves are of a beautiful light green, while within they blanch to a beautiful light yellow. It withstands summer heat splendidly when grown outside, and is earlier than the curled and most head varieties. Market and private gardeners who grow the curled varieties will find the New Morse superior to them all. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

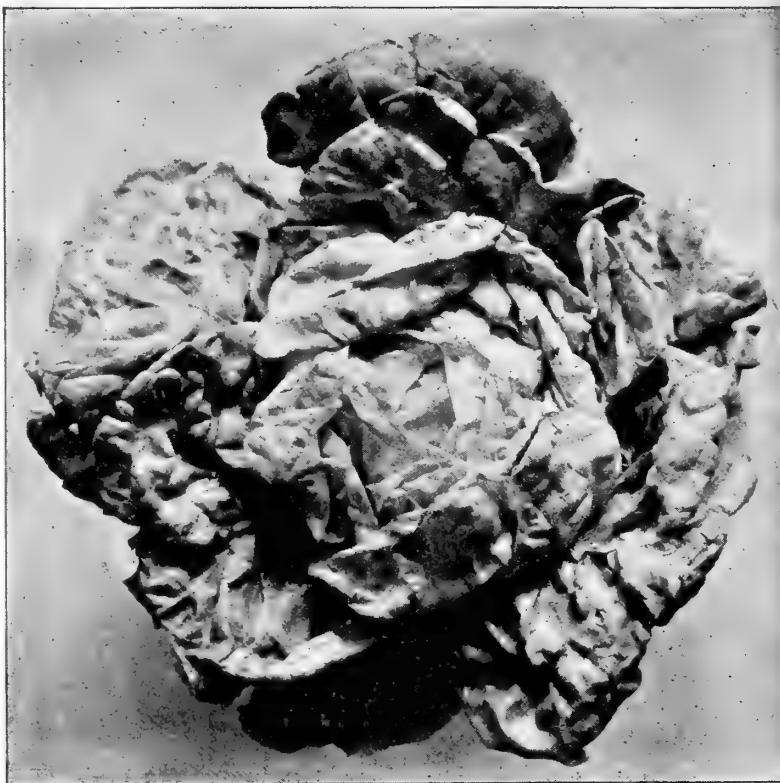
New Sensation Lettuce

This remarkable variety, first introduced by us some years since, has rapidly grown in popularity until it has become the leader in our sales of seed among gardeners. It is valuable for growing in cold frames, and in open ground during the summer months. No other lettuce thrives so well, withstanding the hottest weather in a remarkable degree. It is a beautiful light yellowish-green color, leaves much blistered on the surface, and has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled, and it is one of the easiest to grow. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.25.



New Lettuce Mammoth.. Salamander

For many years the Salamander Lettuce, owing to its wonderful quality of withstanding heat and drought, has been one of the most popular sorts. In the New Mammoth Salamander we have a variety which possesses all the desirable qualities of the old Salamander, but grows to double the size. It is the result of many years' careful selection and breeding by a Philadelphia market gardener, whose main crop is lettuce, and from whom we obtained the seed and offered it for sale for the first time last season. Many New York and Philadelphia market gardeners who planted it last spring and summer tell us they realized more for their crops of this variety than any other grown in those markets. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.



NEW MAMMOTH SALAMANDER LETTUCE.

The Cream of the Standard LETTUCES. Large pkts., 5c. each.

By Mail, Postpaid.

If ordered sent by express or freight, deduct 10c. per lb. from prices quoted.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
White-Seeded Tennis Ball, or Boston Market. A well-known forcing sort .	\$0 15	\$0 35	\$1 20
Arlington Tennis Ball. Improved strain; seed saved from plants started under glass,	20	50	1 75
Black-Seeded Tennis Ball. For forcing; forms close hard heads; very hardy,	10	30	1 00
Johnson & Stokes' Hot House. Double the size of Tennis Ball; never rots .	25	70	2 25
Black-Seeded Simpson. Our improved strain; large, loose heads; light color,	15	40	1 50
Big Boston. A fine strain for forcing or open ground; very large, solid heads,	20	50	1 75
Golden Queen. For forcing; golden yellow; very dwarf, compact growth . . .	15	40	1 50
New Mignonette. Small, solid, russet-colored head; coming in after Tennis Ball,	25	70	2 25
Silver Ball. Head white; solid, firm; splendid for spring and summer use . . .	20	50	1 60
Improved Yellow-Seeded Butter. Forms large yellow heads; crisp and tender,	15	35	1 20
Philadelphia Dutch Speckled Butter. Fine, large heads of excellent quality .	15	40	1 50
Golden Stonehead. Handsome, small, solid head; fine for forcing	15	35	1 20
Grand Rapids. A famous shipping, loose-headed forcing sort; popular West . . .	15	40	1 50
Improved Simpson, or Perpetual. Early, tender; one of the best for cutting .	15	35	1 20
Baltimore Oak Leaved. Very distinct; for summer; resists great heat	25	70	2 25
White Russian Summer. Very large, handsome heads; fine for open ground	25	70	2 25
Johnson & Stokes' Champion Spring and Summer. Valuable and distinct;			
large, solid, rich, golden yellow heads; the slowest to shoot to seed	20	50	1 60
Defiance Summer, or Perpignan. One of the finest large cabbage varieties . . .	15	35	1 20
Thick Head Yellow. Uniform, large heads; solid as a cabbage	15	35	1 20
California Cream Butter, or Royal Summer Cabbage. Fine, solid heads . . .	15	35	1 20
Salamander. Fine, compact heads, which resist summer heat admirably	15	40	1 50
Deacon, or San Francisco Market. A large, solid cabbage lettuce for summer,	15	35	1 20
New York. Large, solid, dark green heads; used only as a summer sort	15	40	1 50
Philadelphia Early White Cabbage. Handsome heads of superior quality . . .	15	35	1 20
Tilton's White Star. Type of Black-Seeded Simpson; grows a little larger	20	50	1 60
Improved Hanson. Very large, solid and of fine quality; withstands the hot sun,	15	35	1 20
New Iceberg. Very solid; large, handsome cabbage lettuce; superior quality . .	15	40	1 50
New Trianon Cos, or Celery Lettuce. The finest of all the Cos sorts; leaves			
when bleached are stiff like celery stalks and can be eaten in the same manner,	15	40	1 50
Lettuce—American Varieties Mixed. Fifteen kinds mixed in one packet	10	30	1 00

HIGH BRED Melon Seed

We are the largest growers of Melon Seeds in the United States, our annual production amounting to many tons. During past years we have annually supplied them, not only in the United States, but to customers in nearly every country in Europe, Africa, South America, Mexico and West Indies. We also supply, every season over our counter, hundreds of New Jersey truck gardeners with our superior strains. We attribute the popularity of our melon, as well as of other seeds, to our careful selection of the very finest specimens of our seed stocks, thus improving and breeding up our stocks to the highest state of perfection. As will be noted in descriptions, several of the best and most popular melons now known were first introduced by us.

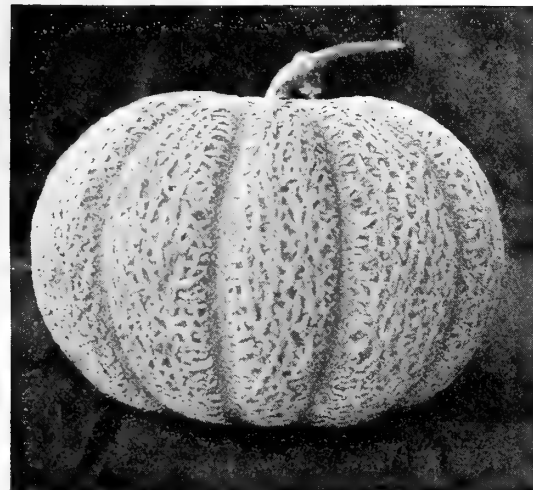
Muskmelons or Cantaloupes

One ounce will plant about seventy hills; three pounds will plant one acre.

Correspond with us for **SPECIAL PRICES** if Seed is wanted in **Larger Quantities**.

Rocky Ford Muskmelon. Paul Rose Muskmelon

For illustrations and descriptions of these very valuable new sorts, see pages 7 and 8.



MCCLEARY'S IMPROVED JENNY LIND MUSKMELON.

McCleary's Improved Jenny Lind

This valuable strain is the result of many years' careful selection and improvement on the old-fashioned Jenny Lind, made by Mr. John McCleary, one of the best-known truckers of Burlington County, N. J. These melons realize handsome prices in Philadelphia markets on account of their great earliness, being larger, roughing up better, and keeping fully a week longer than other strains. Invaluable for first early, and of delicious quality. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.

The Captain Muskmelon

This new Extra Early first attracted our attention in June, 1895, by its appearance in Philadelphia markets a week before other New Jersey grown melons. As the grower refused to sell the seed, we were obliged to pay high prices for the melons, in order to obtain seed stock for planting. They are a handsome green-fleshed sort, of Jenny Lind type, and will prove a bonanza to every gardener who grows them. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00, postpaid; 5 lbs. and over, 85c. per lb., by express.

Extra Early Prize

A carefully selected and improved strain, prized for its great earliness. When grown on good ground it is very thickly and beautifully netted. Rather small in size, rounder than Jenny Lind, flattened on the ends, and of most excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c., postpaid; 5 lbs. and over, 60c. per lb., by express.



THE ANNE ARUNDEL MUSKMELON.

THE ANNE ARUNDEL

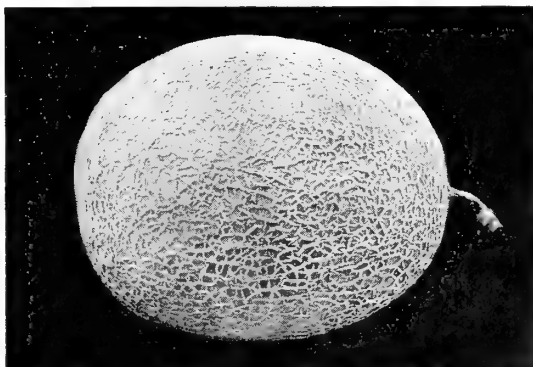
This is an improvement on the well-known Acme or Baltimore Market Muskmelon, growing to double the size, with thicker flesh. Our photograph above gives an idea of its shape and perfect netting, and also suggests the luscious quality of the beautiful green flesh within. Notwithstanding its large size, it is ready for picking immediately after the extra early sorts, is a heavy yielder and bears shipment well, its shape enabling it to resist pressure much better than the rounder melons. A specially valuable quality is the hardness of the vine and its freedom from the blight which attacks many varieties of muskmelon in bad seasons; it will often continue to bear good fruit when other vines have entirely succumbed to unfavorable weather. The Anne Arundel is sure to become a great favorite for both market and family use. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

New Green-Fleshed Osage

This distinct muskmelon, introduced by us, represents several years' selection made by Chauncey P. Coy, one of the most experienced growers of melons in the world. With his thorough knowledge of all varieties, he says: "It is superior in all respects to any other green-fleshed melon." This strong claim has been fully verified by thousands of our customers who have grown it the past three seasons, proclaiming it "king of all the green-fleshed sorts." It is very hardy and prolific, in size and shape like the Red-fleshed Osage, but much more handsomely netted and colored. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Ivy Gem Muskmelon

This grand new sort has proven a money-maker to every grower of melons for market who has planted it. It is the largest Extra Early Melon, and earliest of the yellow-fleshed sorts, and fully as large as the well-known Surprise melon, which it resembles in color and skin, being almost cream-yellow outside; but differs from that variety in being very deeply ribbed and decidedly earlier and more productive. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.



NEW MELROSE MUSKMELON.

New Melrose Muskmelon

A very handsome and hardy new variety, of fine oval shape, as shown in our photograph above, and dark green color, coming in about ten days after Jenny Lind. It is densely netted, without ribs, and its beautiful green flesh is of superior quality. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.



THE SHIPPER'S DELIGHT MUSKMELON

This very distinct new melon was introduced by us in 1897, and has met with large sale, and many leading melon growers have realized handsomely on their crops of "Delights," owing to their great earliness and fine shipping qualities. It is one of the very best early green-fleshed melons. Its distinct, handsome appearance and peculiar shape, in each melon having a button on the blossom end, are well shown in our photograph above. They are of fine size for market; flesh green, thick and of delicious quality. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Standard MUSKMELONS, or Cantaloupes.

Deduct 10c. per lb. from these prices if ordered sent by express; 15c. per lb. may be deducted for 5-lb. lots, by express. **Large packets of any variety, 5c.**

Early Jenny Lind. Small, early; light green flesh; fine for market
Netted Beauty. Very early; productive; densely netted; free from ribs
Jersey Belle. Larger than Jenny Lind; green flesh; best for light soils
Superb. Very large, late and showy; heavily netted; sweet green flesh
Newport. Shape of Jenny Lind; larger and thicker, but not so early
Grand Rapids. Remarkably early for its large size; salmon flesh; fair quality
Golden Netted Gem. (Golden Jenny.) Very early; small and of fine flavor
Champion Market, or Starn's Favorite. Large globe shape; densely netted
Tip-Top Nutmeg. Slightly oval; grows to good size; sweet, juicy; yellow flesh
Large Hackensack, or Turk's Cap. Large, round; flattened; green flesh
New Early Hackensack. Ten days earlier than Hackensack, which it resembles,
New Superior. Round, densely netted; light green flesh; of superior quality,
Emerald Gem. Small, early, productive; sweet salmon flesh
Lone Star. Large, oblong; finely netted; free from ribs; rich salmon flesh
Perfectred Delmonico. Large, oval; orange pink flesh, of very superior quality,
Chicago Market. Early, good size; deep green flesh; of fair quality
Reedland Giant. Very large, long, showy, green flesh; a **Mammoth Bay View,**
Pineapple. Medium size; oval; heavily netted; thick, green flesh
Red-Fleshed Osage, or Miller Cream. Medium size; globe shaped; very sweet,
Ward's Nectar. Small; delicious green flesh; very fine; for family garden
Giant of Colorado. (New Giant.) Largest of all; sometimes weighing 40 lbs.
Long Island Beauty. The best of the Hackensack type; very early; fine quality,
The Princess. Early, round, beautifully netted; the best red-fleshed sort
Cannon Ball. Round; medium size; heavily netted; green flesh; fine shipper,
Surprise. Early, oblong; cream-colored skin; flesh salmon color
White Japan. Early; smooth, light skin; light green flesh; musky flavor
Kinsman Queen. A yellow-fleshed White Japan; flattened ends; deeply ribbed
The Banquet. Globe shaped; densely netted; dark, very rich salmon flesh
Bay View. Very prolific and of good size; oblong; green flesh; late
Improved Montreal Nutmeg. Large, round, netted; flesh thick and light green,
Acme, or Baltimore. Early; oblong; pointed; light green flesh; a fine shipper,
Banana. Late; grows 18 to 20 inches long; highly perfumed
Mango Melon, or "Vegetable Peach." For preserving or pickling
Persian Monarch. The best foreign Melon; thin rind; very rich salmon flesh,
Togoodo Spanish Winter. Has been kept until January; packets, 25c. each.

Postpaid, by Mail.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 25	\$0 75
10	20	60
10	25	75
10	25	75
10	30	90
10	20	60
10	25	70
10	20	55
10	25	75
10	20	60
10	25	75
10	25	75
10	25	75
10	20	55
10	20	65
10	20	60
10	20	60
10	20	65
10	25	75
10	25	75
10	30	90
10	20	60
10	20	65
10	30	90
10	20	65
10	20	55
10	20	60
10	30	1 00
10	30	90
10	30	1 00

Melons—Watermelon

One ounce will plant about fifty hills, and four pounds will plant one acre.



New Triumph Watermelon

A very popular new Southern Shipping Melon. See illustration and description under Novelties, page 7. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.



Black Boulder Watermelon

A magnificent new variety, with superior shipping qualities and cutting equal to any melon known. No market grower can afford to miss planting Black Boulder. See colored illustration on back of this book, and description under Novelties, page 8. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Cole's Early Watermelon

Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of a dark red color; the rind is thin, and the quality of the flesh is sustained clear to the rind. It is, however, exceedingly brittle, hence not desirable for shipping purposes; but, possessing all the other most desirable features, we can highly recommend it for home use. Medium size, nearly round in shape; rind green, striped with lighter shades. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Stokes' Extra Early Melon

This distinct melon, first introduced by us, is, without doubt, the *earliest of all*. Their shape is nearly round, dark green skin, slightly mottled with white. The flesh is deep scarlet, remarkably solid, and in *delicious sugary flavor* is unsurpassed by any other melon. Their average weight is about fifteen pounds. The seed is very small, being only about half the size of other melon seeds. They are also much *more productive* than the larger sorts. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Duke Jones Watermelon

A famous New Southern melon introduced in 1895, since which time it has grown rapidly popular among shippers. It is one of the largest and most productive melons. Solid, dark green skin, of fine appearance. Solid red meat, of fine flavor, a heavy yielder, and early. It is one of the best for the home garden as well. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c., postpaid; 5 lbs. and over, by express, 50c. per lb.

Sweet Heart Watermelon

A magnificent new shipping melon, of uniformly large size and fine quality. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and very light green. Rind thin, but firm, flesh bright red, firm, solid, but very tender, melting and sweet. Fruit remains in condition for use longer than most other sorts. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c., postpaid; 5 lbs. and over, 40c. per lb., by express.

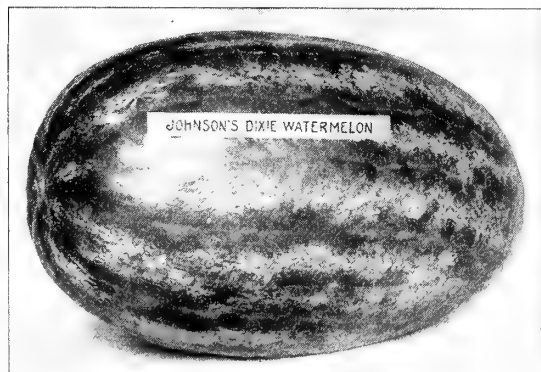
McIver's Wonderful Sugar Melon

This new Watermelon was first brought to notice by Col. E. R. McIver, of North Carolina, the seed having come originally from the West Indies. In outward appearance it somewhat resembles the old Rattlesnake. The quality, however, is so much superior that it is an injustice to mention the Rattlesnake on the same page with it, as it even surpasses such excellent varieties as Florida Favorite and Icing. It is also an extremely productive and hardy variety, never cracking or losing its fine flavor. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid; 5 lbs. and over, 60c. per lb., by express.

Johnson's Dixie Watermelon

No melon we have ever introduced has met with such large sale, and brought us so many strong recommendations from growers as this. It is a cross between the **Kolb Gem** and **Old-Fashioned Mountain Sweet**, and surpasses the Mountain Sweet in fine eating quality and flavor, and is **ten days earlier** than either. It has a remarkably thin rind, almost impenetrable, which preserves it for a great length of time. Its great productiveness is shown from the fact that it frequently matures **six to eight large melons** to the vine. The vines grow strong and rapidly, with more laterals than any other melon. The meat is fine rich scarlet, and of very superior quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c., postpaid; 5 lbs. and over, 45c. per lb., by express.

Extra Selected Stock Seed, saved from picked melons, the largest and finest in our patch. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



Frame's Black-eyed Susan Watermelon

EVERY ONE A GOOD ONE

We purchased last season the control of this new watermelon from the originator, Hon. Paynter Frame, of Delaware, who has probably originated more varieties of watermelon, that have become leading standard sorts, than any other hybridizer in America. In describing it we quote from the originator as follows: "Black-eyed Susan is a cross between 'Kolb Gem,' 'Jumbo' and Johnson's 'Dixie,' tough rind, handsome red flesh, like Johnson's 'Dixie,' but even more delicious; not the least stringy, and will reach a very large size." Customers who planted it last spring, so far as we have heard, fully endorse all Mr. Frame claims for it.

Each seed has a large black eye, hence the name given it. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.



FRAME'S BLACK-EYED SUSAN.

Standard WATERMELONS with Real Merit

By Mail, Postpaid.

Large packets of any variety, 5c. each. If ordered sent by express or freight, deduct 10c. per lb. In 5-lb. lots and over, 15c. per lb. may be deducted.

Phinney's Early. Very early; medium size; red flesh of fine quality \$0 10

Vick's Early. Extra early; shape oblong; skin varies in color; red flesh . . . 10 20

Early Jumbo. Round; of fair size; dark green skin; extra good quality . . . 10 25

Kentucky Wonder. Large, oblong; dark green; red seed and flesh; fine quality 10 20

Black Diamond. Large, round; skin dark green; tough; flesh fair quality . . 10 20

Delaware. Large, oblong; skin striped light and dark green; red flesh . . . 10 20

Pride of Georgia. Round, large, crisp; bright red flesh; fine shipper . . . 10 20

The Boss. Oblong; skin black green; flesh deep scarlet; of very superior quality 10 20

Dark Icing. Early, round, solid, with thin dark green skin; of superior quality 10 20

Light Icing, or Ice Rind. Round in form like the above; flesh of fine quality . 10 20

Gray Monarch, or Long White Icing. Very large, long; crimson flesh of delicious flavor; a fine shipper, bringing high prices 10 25

Mammoth Ironclad. Long, very large, late; red flesh; good shipper . . . 10 20

Ice Cream, or Peerless. Very early; red flesh of fine quality; white seed . . 10 20

Seminole. Very large, long; light skin; quality first-rate; intermediate . . . 10 20

Cuban Queen. Early, solid and heavy; skin striped dark and light green . . 10 20

Improved Black Spanish. Large, round, nearly black; dark red flesh . . . 10 20

Mountain Sweet. An old and reliable sort; flesh red; of extra fine quality . 10 20

Kolb Gem. Very large; flesh red; a good shipping sort; popular in the South . 10 20

Florida Favorite. A superior strain; very large, oblong, striped; luscious . . 10 25

Scaly Bark. Very large, dark green; light crimson flesh 10 20

Gypsy, or Georgia Rattlesnake. Oblong, dark and striped; bright red flesh . 10 20

Red Seeded Vacluse. Medium size, oblong, pointed at end; rich, red flesh . 10 20

White Gem. Small, round, light skin, red flesh; of good quality 10 20

Hungarian Honey. Round, uniform size, dark green; thin rind; sweet, red flesh 10 20

Colorado Preserving Citron. (Green seed.) Also called Apple Pie; for preserves 10 20

Green Citron. (Red seed.) Round and handsome; for preserving only . . . 10 20

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 20	\$0 50
10	20	50
10	25	80
10	20	60
10	20	60
10	20	60
10	20	60
10	20	60
10	20	65
10	25	75
10	20	60
10	20	60
10	20	55
10	20	50
10	20	50
10	20	50
10	25	70
10	20	60
10	20	50
10	20	60
10	20	55
10	20	65
10	20	60
10	20	50

The Kleckley Sweets Watermelon

We sent out this new melon last spring, and reports from all sections confirm it to be just what the originator, Mr. W. A. Kleckley, of Alabama, claims for it—one of the best and sweetest-flavored watermelons in cultivation. The shape is well shown in our photograph alongside; skin dark green, thin rind, flesh scarlet, very solid, firm and most luscious quality. It is not a shipper, but for the home market or family garden it is decidedly one of the best. Seed grown by the originator. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25, postpaid.

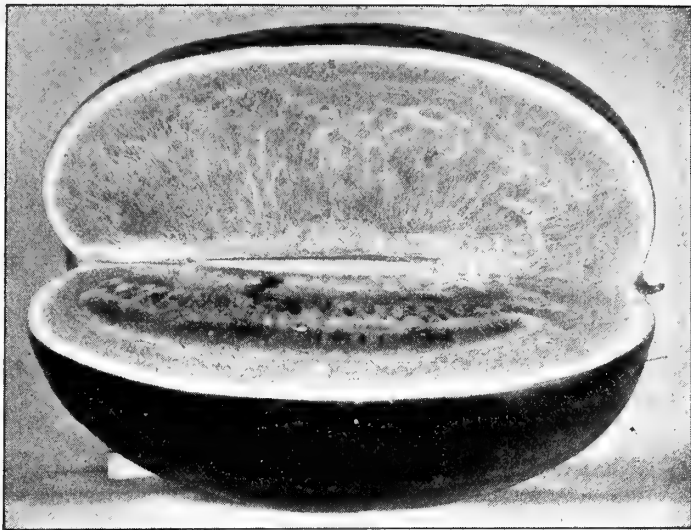


PHOTOGRAPH OF A KLECKLEY SWEETS WATERMELON.

Blue Gem Watermelon

A Long-looked-for Variety at last
A BLUE KOLB GEM

Large Southern growers say this is the coming shipping melon of the United States. It possesses the shipping and keeping qualities and is as tough as Kolb Gem, reaching better size and with less culls. Mr. T. H. Johnson, of South Carolina, the largest melon shipper of the South, his yearly shipments being 250 cars, or 300,000 melons, regards Blue Gem the greatest shipper, quality infinitely superior to the Kolb Gem, and will keep longer than any known melon. What few reached the market last year brought the highest prices, selling far ahead of Kolb Gems. Everybody who can grow a melon should try Blue Gem, and large growers need not hesitate to plant it largely. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



NEW BLUE GEM WATERMELON—ACTUALLY A BLUE KOLB GEM.

Good Words for our Melon Seed

BLACK BOULDER WATERMELON

Chas. McCaslin, Jackson, Tenn., October 18, 1898, writes: "Black Boulders were a great success here. I had plenty of these melons weighing from 40 to 50 lbs., of the most superb quality."

NEW TRIUMPH WATERMELON

T. J. Hackett, Hurlock, Md., September 26, 1898, writes: "The Triumph Watermelon is the best shipper and a most excellent melon. The flesh is unusually solid near the seed, and for this reason the melon can be kept longer than any I ever saw."

JOHNSON'S DIXIE WATERMELON

L. H. Palmer, McComb, Miss., August 20, 1898, writes: "This is my second season with Johnson's Dixie Watermelon. We grew the largest melons in these markets, averaging over 40 lbs. each and of finest flavor."

Jas. B. Lineberry, Greensboro, N. C., writes: "Johnson's Dixie Watermelons are the best of all. I sell them for good prices while others are a drug on the market."

BLACK-EYED SUSAN WATERMELON

James Wells, Edinburg, Ind., writes: "Your Black-eyed Susan is the finest I have ever seen or eaten."

Martynia

Martynia Proboidea. The best and most productive variety for pickling. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

Mustard

One ounce will sow about seventy-five feet of drill.

SOUTHERN GIANT CURLED. Highly esteemed in the South, where the seed is sown in the fall, and used in the spring as a salad. Our stock is the true curled leaf, and produces plants two feet high, and of greater breadth, forming enormous bunches. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

NEW CHINESE. Leaves twice the size of the ordinary White Mustard, crimped like that of a Savoy cabbage; stems more succulent; flavor pleasantly sweet and pungent. In six weeks from the time of sowing, the leaves may be gathered, and the plants will continue to yield until frost sets in. The leaves of this distinct variety are eaten boiled like spinach. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

White London. The old sort used for salads. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Black or Brown. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Nasturtium—Indian Grass

Tall Yellow. The best for pickling, seed pods or garnishing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Dwarf Mixed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

MUSHROOMS—Best English Milltrack Mushroom Spawn FRESHLY IMPORTED



A Brick of Richard's Celebrated English Milltrack Mushroom Spawn.

Richard's English Milltrack.

This celebrated brand is preferred by all the large mushroom growers of Great Britain, and has given better success in this country than any other brand, on account of its uniform good quality and great productiveness.

Mushrooms can be successfully and profitably grown during the winter and spring months on greenhouse benches among other plants, in frames, under greenhouse benches, as well as in the open fields or in cellars or out-houses. They are the most profitable crop for the outlay that can be grown, the American market being the best in the world for this delicious and healthful food.

Richard's English Milltrack brand (made by the most experienced maker in England specially for our trade) can be thoroughly relied on to produce a good crop of the best mushrooms. Per brick, 1 $\frac{1}{4}$ lbs., 15c. (brick, postpaid, 25c.); 10 lbs., \$1.25; 25 lbs., \$2.75; 100 lbs. and over, 8c. per lb., by express or freight. *Directions for cultivation accompany each order for Spawn.*

Johnson & Stokes' High-Grade Onion Seed Pedigree Stocks

No one can appreciate the value of **reliable seeds** better than those who have been **once disappointed**. Too much care cannot be exercised in selecting your supply of onion seed. There is no vegetable in which the quality of the seed exerts a greater influence upon the crop. Our stock is all grown from **choice bulbs, selected carefully by hand, and is unsurpassed in this country**. During our whole business career as seedsmen, it has always been our aim to make **quality a first consideration**, price afterwards, and in no one crop have we met with greater reward for our efforts than in onions, the demand for our seed having increased so rapidly that we have been obliged to **largely increase our facilities** for growing every year for several years past.

PHILADELPHIA-GROWN SEED, or that raised in the southeastern part of Pennsylvania, is unquestionably **earlier** than New England seed, and still earlier compared with Western seed. This is an important feature, as the early market onions always bring the highest prices. The growth conclusively proves our claim, the Philadelphia seed making bulbs of better quality for keeping or immediate use, either as sets or full-sized onions, long before seed from any other locality. Large, full-sized onions can be grown from our seed the first season in any section of the United States, North or South. To do this they should be sown as soon as possible in the spring, no matter if the weather is cold, so the soil works up well. This gives them a good start ahead of the weeds before hot weather.

One ounce will sow one hundred feet of drill. To grow large onions from seed, five pounds to the acre; to grow small sets, fifty to sixty pounds to the acre are required.

Short crops of 1898. The crops of onion seed have been shorter than for many years. Our seed, however, is unusually plump and heavy, and subject to our greenhouse test in Mother Earth, shows perfect germinating power. Our prices are as low as the **best American Onion Seed of new crop** can be sold for this season. Beware of old Onion seed and imported seed at low prices.



Average Specimens of our Philadelphia Yellow Globe Danvers, the Best Yellow Onion.

Philadelphia Yellow Globe Danvers Onion—Pedigree Seed

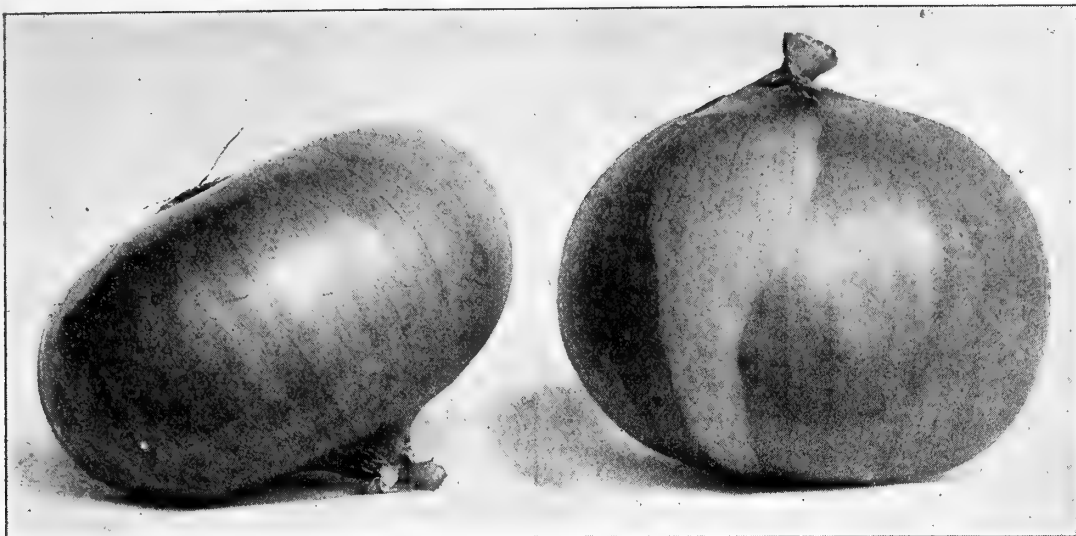
This **improved** variety is pronounced by onion growers, who now grow it in preference to all other onions, the very best strain in cultivation. It is the **earliest** yellow globe variety, **large** in size, **uniformly perfect** in shape and the **largest cropper**, producing from seed 1000 bushels to the acre with good cultivation. It is also the most reliable for bottoming, and one of the **best keepers** of all American Onions. In fact, it is everything that could be desired as a market or table onion. Prices of our **Pedigree Tested Seed**, crop of 1898, grown from selected hand-picked bulbs: Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60, postpaid; lb., \$1.50; 5-lb. lots for \$7.25; 10 lbs. and over, \$1.40 per lb., by express or freight.

A Special Offer on 4 Most Popular Philadelphia Onions

For \$5.50 we will deliver free to any post-office in the United States 4 lbs. of either Philadelphia Yellow Globe Danvers, Philadelphia Extra Early Red Flat, Round Yellow Danvers, or Philadelphia Yellow Dutch or Strasburg for \$5.50. Customers have the privilege of ordering 4 lbs. of one variety, or they can order 1 lb. of each of the four varieties. All you have to do is to make up an order for 4 lbs. of the above sorts and send \$5.50.

A BOOK WHICH ALL ONION GROWERS SHOULD HAVE

Full information for Culture, Storage and Marketing of both onions and onion sets, will be found in our new up-to-date book, "**Farm Gardening**," which costs but 50c., or can be had free for the asking with your order, if it amounts to \$3.00. See page 13.



PHILADELPHIA YELLOW DUTCH, OR STRASBURG ONION.

TRUE ROUND YELLOW DANVERS ONION.

Philadelphia Yellow Dutch, or Strasburg Onion

The great set onion—our pedigree Philadelphia-grown seed. The most popular variety for sets grown so extensively by market gardeners around Philadelphia. The sets of this variety grow round, plump and bright. Full-sized onions are somewhat flattened, as shown in our photograph above, flesh pure white, mild flavor and an excellent keeper. Skin bright yellow. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40, postpaid; lb., \$1.30; 5-lb. lots, \$1.25 per lb.; 10 lbs. and over, \$1.20 per lb., by express.

True Round Yellow Danvers Onion

Our superior stock of this celebrated variety is of fine round shape, as shown in photograph above. It grows to good size, with thin yellow skin, white flesh, fine grained, mild flavor and excellent quality. It ripens early, frequently producing from six to eight hundred bushels to the acre; keeps well and is a splendid sort. This variety is catalogued by many seedsmen as Yellow Globe Danvers, which is a misnomer. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25, postpaid. By express or freight, lb., \$1.15; 5 lbs. for \$5.50; 10 lbs. and over, \$1.05 per lb.; 25 lbs. and over, \$1.00 per lb.

Philadelphia Extra Early Red Flat Onion

Ten days to two weeks earlier than the Large Red Wethersfield; of medium size and deep red color; an abundant producer; of good form and flavor, keeping well. It is well adapted to the cold, mucky soils of the North and Northwest, where other varieties fail to produce full-sized onions. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50, postpaid; lb., \$1.40; 5 lbs., \$6.50; 10 lbs. and over, \$1.25 per lb., by express.

Extra Large Red Wethersfield Onion

Onion growers who prefer the red varieties will find this a magnificent strain, far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form, skin deep purplish red, flesh purplish white; much finer grained than many of the red sorts. Immense crops of this onion are grown each season from our seed, by some of the largest growers in the United States, who realize the very highest prices for their crops. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50, postpaid; lb., \$1.40; 5 lbs., \$6.50; 10 lbs. and over, \$1.25 per lb., by express or freight.

A Select List of Best American ONIONS

Large packets of any variety, 10c. each. If ordered sent by express or freight, deduct 10c. per lb. In 5-lb. lots and over, 15c. per lb. may be deducted.

Rhode Island Yellow Cracker. The earliest yellow onion; flat shape . . .
New Golden Ball. Greatest keeper of all onions; round and handsome . . .
Southport Large Yellow Globe. Popular in New England; very deep globe . .
Michigan Yellow Globe. True globe; rich orange; suitable for muck lands . .
Rhode Island Red Cracker. Very early; flat; grown largely in New England .
Extra Early Red Globe Danvers. The earliest red onion. See Novelties, page 9,
Southport Large Red Globe. Matures late; a splendid keeper; of fine quality,
American Extra Early Pearl. The earliest of all white onions; very large
Southport Large White Globe. Very large and handsome; deep globe . . .
New Ivory Ball. The best keeping white onion; medium size
Philadelphia White Silver Skin, or Portugal. The best white onion for sets,
Hard Round Silver Skin. The best for pickling; uniform, small, round bulbs,
White Bunch. Very early; one of the best for using green

By Mail, Postpaid.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 20	\$0 50	\$1 75
25	75	2 50
20	50	1 50
20	50	1 60
20	50	1 75
25	75	2 50
30	75	2 75
25	75	2 50
25	75	2 50
30	80	3 00
25	70	2 25
20	65	2 25
20	60	2 00

Mammoth Yellow Prize-Taker Onion



Prize-Taker is the largest, handsomest and most profitable yellow variety. It is the very large, beautiful onion that is seen every fall on sale at the fruit stores and stands in the large cities. The outside skin is of a rich, yellow, straw color, while the flesh is white, sweet, mild and tender. They bottom well, are free from stiff necks and produce enormously. The seed we offer is American grown, crop of 1898, and much superior in quality to the cheaper imported seed offered by some. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75, postpaid; lb., \$1.65; 5 lbs., \$8.00; 10 lbs. and over, \$1.50 per lb., by express or freight.

WHITE PRIZE-WINNER

In magnificent shape and enormous size the **White Prize-Winner** is the exact counterpart of the **Mammoth Yellow Prize-Taker**, differing only in its handsome, silvery-white skin. Hundreds of onion growers who have given it a trial agree in pronouncing it the largest and handsomest, and claim **nothing equal to it** in the line of white onions has ever before been grown in America. Choice American-grown seed, crop of 1898: Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

A Select List of Best FOREIGN ONIONS

Deduct 10c. per lb. from these prices if ordered sent by express or freight. In regular size large packets, each, **10c. per packet**, except where noted.

Giant Rocca. Very large globe Italian; reddish brown skin; per pkt., 5c. . . .
Madrid Giant, or Red Prize-Taker. Large globe Spanish; very handsome . . .
Red Bermuda. Very early; genuine Teneriffe seed
Red Victoria. New race from Sardinia; perfect globe; enormous size
White Victoria. Like the above, except pure white skin; very mild
White Queen. Very early; grows rapidly; mild flavor; remarkable keeper . .
White Adriatic Barletta. Earliest, neatest and smallest; valuable for pickling,
Mammoth Silver King. Handsome flat onion; reaching enormous size

By Mail, Postpaid.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 15	\$0 35	\$1 25
20	60	2 00
30	75	2 75
20	50	1 50
20	50	1 75
25	70	2 40
20	60	2 00
20	60	2 00

Philadelphia Onion Sets

Write us for prices by the peck, bushel or barrel.

"Philadelphia-grown onion sets" are everywhere recognized as the **best**. Experienced gardeners insist upon having them, and enormous quantities are supplied annually to dealers and growers in all parts of the country. We grow each season large quantities from our Philadelphia seed, which, being *earlier*, makes beautiful, small, round sets of better quality than that grown in any other section.

We frequently have calls for Red Wethersfield Onion Sets and for sets of Italian Onions. *These we cannot supply*, as we only grow the varieties listed below. The Red Wethersfield Onion, while producing large bulbs from seed, does not produce good small sets, and the sets of Italian Onions cannot be kept over winter. We grow sets of American Extra Early Pearl and Prize-Taker for fall shipments only.

We shall be glad to quote special prices by the peck, bushel or barrel (3 bushels), at any time, when requested.

PHILADELPHIA YELLOW DUTCH, or STRASBURG ONION SETS, per qt., 15c.; qt., postpaid, 25c.

PHILADELPHIA YELLOW DANVERS ONION SETS, per qt., 15c.; qt., postpaid, 25c.

PHILADELPHIA EXTRA EARLY RED ONION SETS, per qt., 20c.; qt., postpaid, 30c.

PHILADELPHIA WHITE, or SILVER SKIN ONION SETS, per qt., 20c.; qt., postpaid, 30c.

POTATO ONION SETS. A valuable early crop. The small bulbs increase in size; the parent bulb produces a quantity of small bulbs in a cluster. Qt., 20c.; qt., postpaid, 30c.

NEW WHITE MULTIPLIER ONION SETS. These are of a pure silvery-white color; their most important quality is **extreme earliness**. Qt., 25c.; qt., postpaid, 35c.

Market Gardeners, Farmers' Clubs and Institutions

Wanting to purchase seeds in unusually large quantities will please write for special prices. Although we have made prices very low in this Catalogue, yet where a number of pounds or bushels are wanted, we can frequently supply at a lower price than by the single pound or bushel.

Okra—Gombo

One ounce will plant one hundred hills.



PERKINS' MAMMOTH PODDED.

PERKINS' MAMMOTH LONG PODDED. This distinct new okra is by far the best. It was originated by M. B. Perkins, a well-known New Jersey trucker, after many years of careful study and selection. Its productiveness is simply wonderful. The pods shoot out from the stalk within three inches of the ground, and the whole plant is covered with them to the extreme height of the plant. The pods are an intense green color, of unusual length, nine to ten inches, very slim, and do not get hard, as is the case with other okras. It is also much sought after by canners, being the best of all green sorts for canning for winter use. Our seed is grown by the originator. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00, postpaid; lb., 90c.; 5 lbs. and over, 85c. per lb., by express.

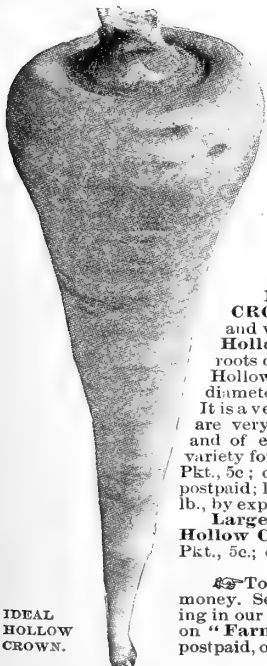
LADY FINGER. This is a fine new variety from the South. It is very productive, of very long, slender pods, of fine round form, white and smooth. If used in its early state of growth it will be found exceptionally tender and choice. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

IMPROVED DWARF GREEN PROLIFIC, or DENSITY. A distinct variety, growing about fourteen inches in height. Grown in competition with the ordinary dwarf, it produced twice the number of pods, which are very smooth and beautiful. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

WHITE VELVET. This distinct and beautiful new okra was originated in Georgia. The pods are very large, perfectly smooth, never prickly, round, not ridged or square, as in other okras. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Parsnip

One ounce will sow about two hundred feet of drill; five pounds will sow one acre.



IDEAL HOLLOW CROWN.

In comparing prices, please remember that we pay the postage on all seeds to be sent by mail. Customers ordering their seeds sent by freight or express are entitled to deduct 10c. per lb. or 15c. per qt. for postage, which we have included in our prices.

NEW IDEAL HOLLOW CROWN. A greatly improved and wonderfully fine strain of true Hollow Crown Parsnip. The roots do not grow as long as the old Hollow Crown variety, are of larger diameter, and more easily gathered. It is a very heavy cropper. The roots are very smooth, flesh fine grained and of excellent quality. The best variety for the market or home garden. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c., postpaid; lb., 65c.; 5 lbs. and over, 60c. per lb., by express or freight.

Large Sugar, or Long Smooth Hollow Crown. The popular old sort. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

To save money is to make money. See pages on Economic Manuring in our new 128-page illustrated book on "Farm Gardening." Price, 50c., postpaid, or may be had free. See page 13.

Parsley

One ounce will sow one hundred and forty feet of drill.



A SINGLE PLANT OF MARKET GARDENERS' BEST PARSLEY.

MARKET GARDENERS' BEST PARSLEY

The best points yet obtained in parsley have certainly been reached in this sort. The plant is of a very robust and free growth, and is greatly improved by severe cutting. The leaves are large and beautifully curled and of a very dark green. **It stands heat, drought and cold better,** and will yield double that of any other sort. The whole appearance of the plant is very handsome, and it certainly is "the parsley for either the market or family garden." Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.20.

CHAMPION MOSS CURLED. Extra Dark Green. Leaves crimped and curled, giving a most beautiful decorative appearance. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

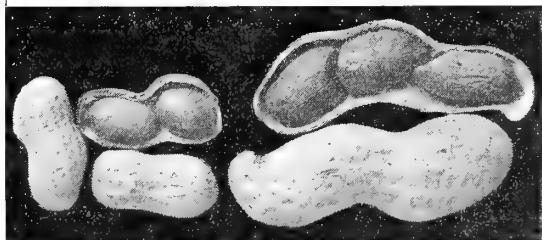
EMERALD, or DWARF EXTRA CURLED. Leaves tender, beautifully crimped; handsome bright green color; very ornamental. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

EXTRA DOUBLE CURLED. An old curled variety for garnishing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Plain or Single. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. **Hamburg, or Turnip-Rooted.** Fine, fleshy, vegetable roots, for soups, etc. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Peanut, or Ground Pea

Full directions for planting, growing and harvesting printed on each packet.



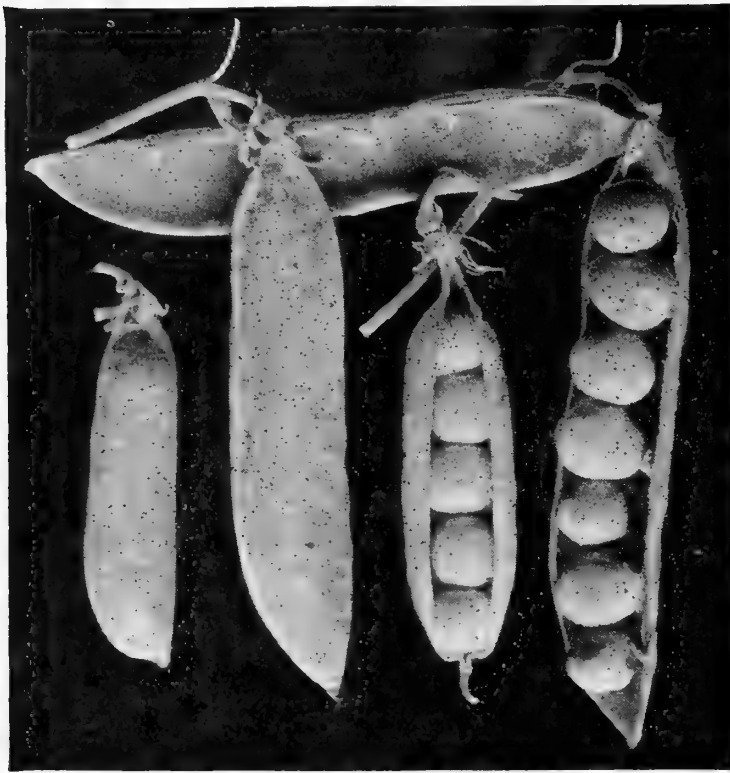
SPANISH PEANUT.

GEORGIA IMPROVED PEANUT.

SPANISH PEANUT. Valuable for the Northern States on account of its great earliness. It is smaller than the ordinary peanut, and can be planted closer in the row. Large pkt., 10c.; pint, 25c.; qt., 45c., postpaid; peck, \$1.75.

GEORGIA IMPROVED GROUND PEA, or PEANUT. This variety is much superior to the ordinary peanut, yielding fewer imperfect pods and combining earliness, productiveness and size; yields, on ordinary land, over one hundred bushels to the acre. Large pkt., 15c.; pint, 30c.; qt., 50c., postpaid; peck, \$2.00.

Johnson & Stokes' New Record Extra Early Pea



Photograph taken at Floracraft Trial Grounds. The two large pods are JOHNSON & STOKES' NEW RECORD EXTRA EARLY in contrast with two of the best pods of the well-known FIRST AND BEST EXTRA EARLY.

Every claim made by us, from the records of our Trial Grounds, in offering this New Pea last season for the first time, has been fully substantiated by hundreds of market gardeners who planted it. It would take half the number of pages of this book to publish all the testimonials thus far received. Many of these we have referred to the originator, an old expert pea grower, and he writes us he now feels fully repaid for the nine years' hard work devoted to its selection and development.

Important Advantages of the RECORD EXTRA EARLY PEA

It is three to five days earlier than any other.

The most uniform in ripening. A single picking will secure the entire crop.

The vines are much stockier and more vigorous. The heaviest cropper and contains one to two more peas per pod than any other extra early smooth white or blue pea.

Height of vine, 1½ to 2 feet. Prices for 1899: Pkt., 15c.; pint, 35c.; qt., 60c., postpaid; qt., 45c.; peck, \$1.50; bush., \$5.00; bag of 2 bush., \$9.00, by freight or express.

PEAS—Northern Grown Extra Early Varieties

Large packets of any variety, 10c. each, postpaid. Those marked with a (*) are wrinkled varieties.

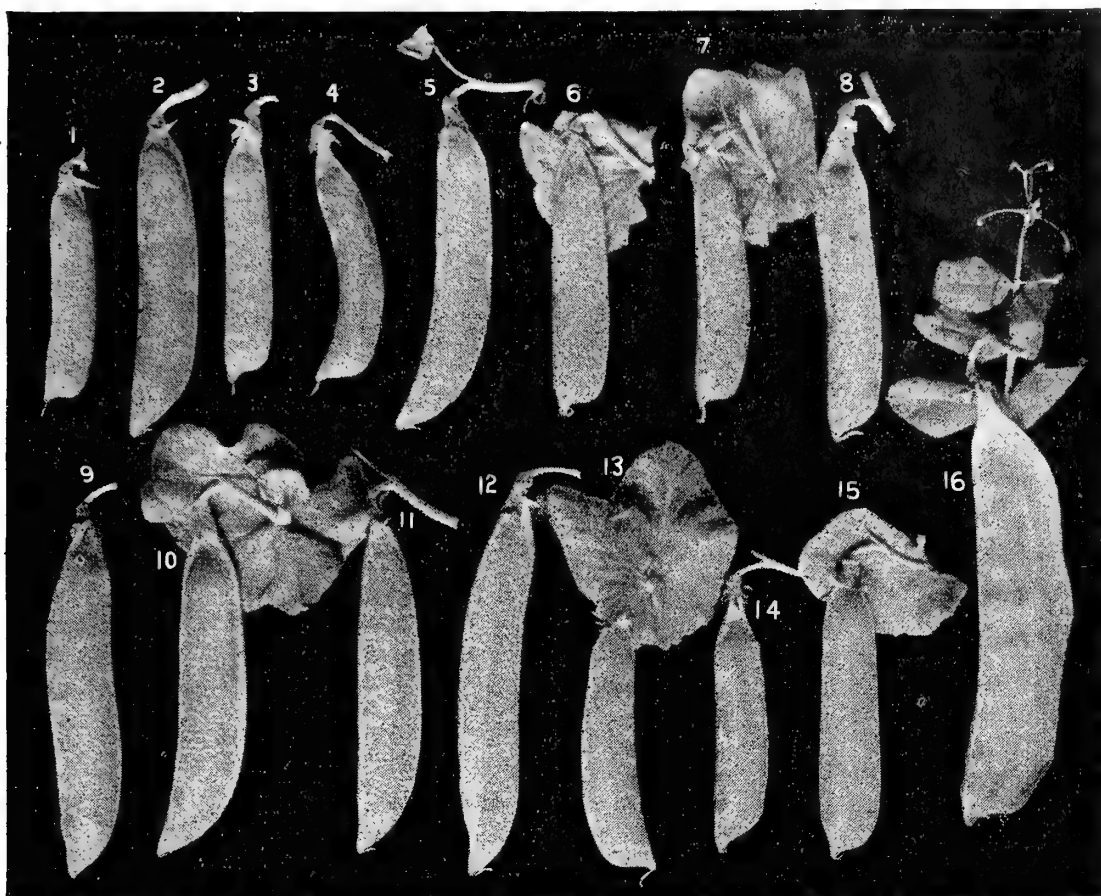
Johnson & Stokes' Extra Early. Our old standard
Cleveland's Alaska. The earliest and best blue pea
First and Best. Very early; popular for market
Philadelphia Extra Early. Early Hancock, each
 ***Gregory's Surprise.** Earliest of all dwarf wrinkled varieties
 ***Nott's Excelsior.** An improvement on American Wonder; more vigorous, with larger pods and better filled
 ***American Wonder.** Well known and popular
 ***McLean's Little Gem.** Very prolific; fine flavor
 ***Extra Early Premium Gem.** Long, prolific pods, fine
Tom Thumb. An old sort; very dwarf
Blue Beauty. Medium sized pods, fine for market

Height in Feet.	Postpaid. [By Express or Freight.				
	Pint.	Qt.	Qt.	Peck.	Bush.
2	\$0 25	\$0 40	\$0 25	\$1 00	\$3 50
2	20	35	20	85	3 00
2½	20	35	20	85	3 00
2½	20	35	20	75	2 75
1½	35	65	50	2 50	9 00
1	25	45	30	1 25	4 50
1½	25	45	30	1 25	4 00
1	25	45	30	1 00	3 50
1½	25	45	30	1 00	3 75
1½	25	45	30	1 25	4 50
1½	25	45	30	1 00	3 75

PEAS. Best Second Early or Medium.

Johnson & Stokes' Second Early Market Garden. The best second early; will produce more pods than any other
 ***The Admiral.** Fine quality; the best for canning
 ***McLean Advancer.** Fine, standard sort; of excellent quality
 ***Abundance.** Long, round, well-filled pods
 ***Horsford's Market Garden.** Style of Advancer; very prolific
 ***Juno.** Long pods; produced in pairs with 7 to 9 large peas
 ***Heroine.** Large, full pods; productive; quality perfect . .
Fillbasket. Excellent; one of the best for market
 ***Shropshire Hero.** Productive; fine flavor; handsome pods
 ***Sutton's Satisfaction.** Showy pods, borne double; delicious
 ***Crown Prince.** Vigorous grower; large, broad pods with 7 to 9 large peas of most delicious quality

2	25	45	30	1 25	4 50
3	20	35	20	85	3 00
2½	25	45	30	1 00	3 50
1½	25	45	30	1 00	3 50
2	25	45	30	1 00	3 50
2	25	45	30	1 25	4 50
2½	25	45	30	1 25	4 00
3½	25	45	30	1 25	4 50
2	25	45	30	1 25	4 00
2½	25	45	30	1 50	5 50
1½	25	45	30	1 50	5 50



- | | | | |
|--|---------------------|--------------------------|---------------------------------|
| 1. Gregory's Surprise. | 5. New Heroine. | 9. Duke of Albany. | 13. Champion of England. |
| 2. Gradus or Prosperity. | 6. Shropshire Hero. | 10. Improved Stratagem. | 14. Yorkshire Hero. |
| 3. Johnson & Stokes' Second Early Market Garden. | 7. New Juno. | 11. Pride of the Market. | 15. Improved Sugar Marrow. |
| 4. McLean's Advancer. | 8. Crown Prince. | 12. Giant Podded Marrow. | 16. New Mammoth Prolific Sugar. |

PEAS—Late or Main Crop Varieties

We sell $\frac{1}{2}$ pecks at peck rates, $\frac{1}{2}$ bushels at bushel rates. Those marked with a (*) are wrinkled varieties.

- * **Duke of Albany** (American Champion). Immense pods on style of Telephone, but very superior to that variety . . .
- * **Improved Stratagem**. More uniform than old Stratagem; larger pods; peas of first quality; valuable and reliable . .
- * **Sharp's Queen**. Very large, handsome pods; delicious . .
- Long Island Mammoth or Telegraph**. Large pods and peas
- * **Telephone**. Enormous pods and peas of first quality . . .
- Pride of the Market**. Very large pods; popular for market
- * **Champion of England**. Well-known standard variety . . .
- * **Bliss' Everbearing**. Peculiar branching vine; peas large . .
- * **Yorkshire Hero**. A spreading variety; very productive . .
- Blue Imperial**. A productive market garden favorite . . .
- French Canner**. Does not blacken under processing . . .
- Improved Sugar Marrow**. Very distinct; long pods; true marrow flavor; a wonderfully heavy cropper . . .
- Royal Dwarf White Marrowfat**. A favorite for market . . .
- White Marrowfat**. A favorite for market; very heavy yielder
- Black-Eyed Marrowfat**. Very hardy and prolific; poor quality
- Canada Field**. Grown largely with oats for fodder . . .

Sugar or Edible Podded. Used same as Snap Beans.

- * **Dwarf Sugar**. Extra fine quality; very productive and early
- Melting Sugar**. One of the best; large broad pods . .
- Tall Gray Sugar**. Immense pods; of superior quality and snap

Height in Feet.	Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
4	\$0 25	\$0 45	\$0 30	\$1 35	\$5 00
2	25	45	30	1 50	5 50
2 $\frac{1}{2}$	25	45	30	1 35	5 00
3 $\frac{1}{2}$	25	45	30	1 25	4 50
4 $\frac{1}{2}$	25	45	30	1 50	5 50
1 $\frac{1}{2}$	25	45	30	1 50	5 50
5	25	40	25	1 00	3 50
2	25	40	25	1 00	3 50
3	20	35	20	85	3 00
2 $\frac{1}{2}$	20	35	20	85	3 00
4	15	30	15	65	2 25
3 $\frac{1}{2}$	15	30	15	65	2 25
2 $\frac{3}{4}$	20	35	20	75	2 75
3	15	30	15	60	2 00
3	15	30	15	60	2 00
5	15	25	10	35	1 25
1 $\frac{1}{2}$	25	45	30	1 50	5 75
5	30	55	40	2 00	7 00
4	25	45	30	1 50	5 75

New Giant Podded Marrow

The Hardest Large Podded Pea. Can be Used at all Seasons.

Since our introduction of this fine, new semi-wrinkled green pea, a few years since, the demand from market gardeners has been so great that we have sold out before the season was half over. In anticipation of a still greater demand, we doubled our acreage this season and hope to be able to supply all late demands. The vines grow about two feet high and bear enormous handsome pods, as shown in photograph alongside, frequently seven to eight inches in length. The pods are completely filled with large deliciously-flavored, deep-green peas. They require no support, owing to their dwarf, stocky habit. Owing to the immense size of pods and peas, we know of no pea from which so large a bulk of produce can be obtained from a given number of vines. It is much harder than either the Telephone, Stratagem or any other large-podded sort, and can be planted much earlier. It matures three to five days later than our famous Johnson & Stokes' Second Early Market Garden, making a valuable second early as well as the finest late pea. Pkt., 10c.; pint, 30c.; qt., 55c.; postpaid; qt., 40c.; 2 qts., 75c.; peck, \$2.00; bush., \$7.00, by freight or express.



GIANT PODDED MARROW.

New Mammoth Podded Prolific Sugar Pea

The Largest and Best of the Edible Podded Sorts.

A new and superior edible podded or "snap" pea, and the best yet. It excels, by far, any other edible podded pea heretofore introduced. In all of our experience we have never seen anything in the line of sugar peas that would equal this variety in enormous pods (see illustration for comparison Pod No. 16, on preceding page), productiveness and quality. The pods are larger, broader and more melting than the Melting Sugar, and it is equally as early. The peas are drab-colored when ripe, extra large and wrinkled. The pods are very fleshy and equal to the best snap beans for cooking, pod and all. The vines average about thirty-six inches high; when grown without trellis or brushing they are strong and rank. One of the largest and most experienced growers of seed peas, who grew it, writes as follows: "I believe this to be an improvement over the Melting Sugar Pea, because of its great productiveness, as well as its fine quality and superior size. The fact that it is a bountiful producer ought to bring it rapidly in general favor, especially as an improvement in the yielding qualities is not at the expense of eating quality." Pkt., 15c.; pint, 45c.; qt., 80c.; postpaid; qt., 65c.; 4 qts., \$2.25, by express.

Pepper

One ounce will sow one hundred yards of row.



A SINGLE PLANT OF RUBY KING PEPPER.

RUBY KING. This fine pepper grows to double the size of Bull Nose. The fruits are five to six inches long by about three and one-half inches through, of a bright red. They are remarkably mild and pleasant in flavor, having no fiery taste. Single plants ripen from eight to ten fruits. The best red pepper. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

MAMMOTH GOLDEN QUEEN. Originated on our own grounds, where we first found a single plant growing in a large field of Ruby King some years ago. It grows fully as large as Ruby King and to twice the size of Golden Dawn, of the most perfect shape and uniform large size. They grow from fifteen to twenty perfect fruits on a plant, from eight to ten inches long and four to five inches through. In color they are bright, waxy, golden yellow, and so mild in flavor they can be eaten like tomatoes, with pepper and vinegar. They sell in market at double the prices of other sorts, and are exceedingly valuable for stuffing as mangoes. This pepper, which we first introduced, has been recently offered as a novelty under the name of **Golden King**. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., \$2.75.

ELEPHANT'S TRUNK. Very distinct in shape and of mammoth size, resembling the trunk of an elephant. Fruits glossy scarlet, measuring ten to twelve inches in length by two and a half inches in breadth; of mild, pleasant flavor. They are ornamental and useful. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00.

RED CLUSTER. This new pepper is a sport of the Chili, which it slightly resembles. The leaves and fruits are smaller, while it is much more productive, the fruits being curiously crowded together. The peppers are very hot, long and very thin in shape, and of conspicuous coral red color. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., \$2.75.

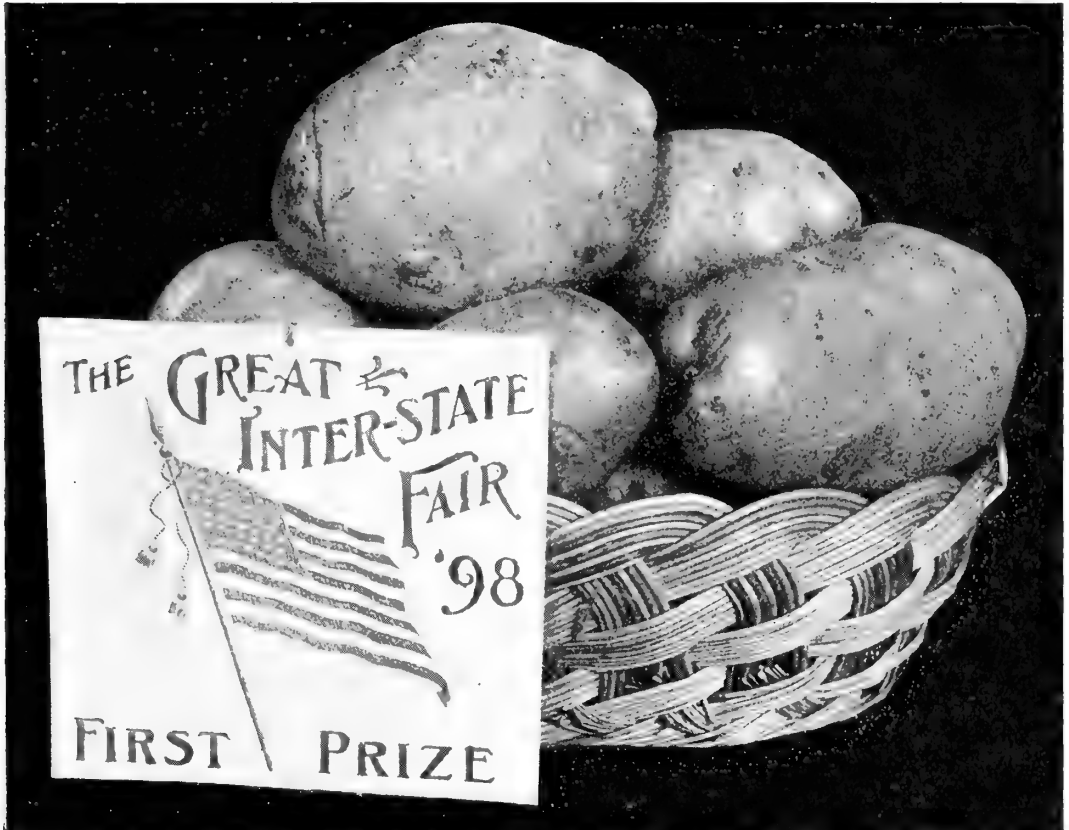
Well-Known Peppers

LARGE PACKETS, 10 CENTS EACH

	Oz.	¼ lb.	lb.
Bell, or Bull Nose. Large, mild . . .	\$0 25	\$0 70	\$2 25
Cardinal. Long, sweet, thick flesh . . .	25	70	2 25
Long Red Cayenne. True, hot . . .	25	70	2 25
True Red Chili. Small, very hot . . .	25	75	2 50
Dwarf Early Red Squash. Mild . . .	25	75	2 50
Golden Dawn. Yellow and sweet . . .	25	70	2 25
Celestial. Small, scarlet when ripe . . .	25	70	2 25
Ox-Heart. Small, heart-shaped . . .	30	75	2 75
Bird's Eye or Creole. Very hot . . .	40	1 25	4 00
Cherry Red. Small, for pickles . . .	25	75	2 50

Selected Seed Potatoes a Specialty

The Houlton or Aroostook County, Maine, Seed Potatoes are universally acknowledged to be the very best. Grown in the cold Northeast, where nature and the elements alike decline existence to all but the very hardiest varieties, they inherit those stable qualities which make incontestable their position as **leaders** in the seed potato world. We make a **specialty** of and handle this seed solely. **Pure and true to name.** The prices on this class of seed may rule somewhat higher than Western and New York stocks; but, when quality and real worth are considered, they will be found by far the cheapest and most remunerative to growers. We pack all our potatoes in the full size, round-hoop flour barrel, which is packed solid full and double headed, thereby being made to hold about three bushels, and make no charge for barrels or cartage.



Average specimens of the BOVEE POTATO at the Great Interstate Fair, where more than a hundred other varieties were also exhibited.

NEW EXTRA EARLY POTATO, THE BOVEE

In our trials the past two seasons we have found the Bovee to be one of the earliest potatoes grown. It is earlier than Early Ohio and uncommonly prolific for such an early variety. The vine is dwarf and stocky, and the tubers grow remarkably close, all bunched together in the hill, close up to the vine, sizing up to a marketable size more evenly than any potato we ever saw; none too large or too small. The Bovee has been tested the past two seasons by some of the largest potato growers and also at nearly all the agricultural experiment stations, and there has been but one verdict from all: "The best extra early potato ever grown." Prices for 1899: Per lb., 40c.; 3 lbs., \$1.00; 50 strong eyes, \$1.00, by mail, postpaid; peck, 90c.; bush., \$2.75; bbl., \$6.00, by express or freight.

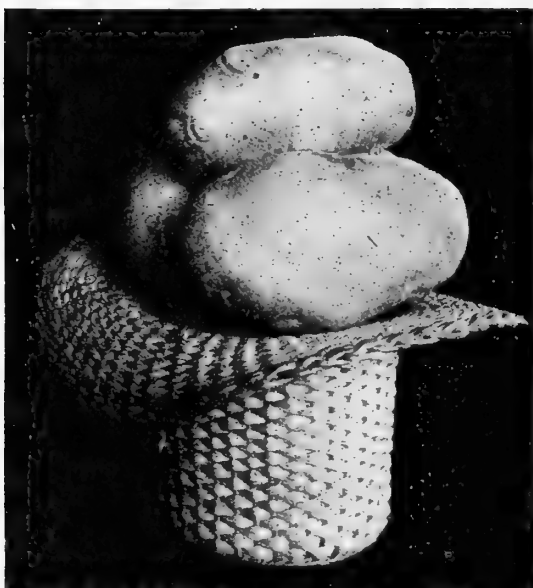
NEW EXTRA EARLY POTATO, PRIDE OF THE SOUTH

This is a **white sport** of the **Bliss' Triumph**, first found a few years ago in a large field of that popular variety. In ripening the vines die down all at once, thus giving the blight, which works down into the potatoes through the vine, no chance to work. It is a quick, strong and vigorous grower, and in cooking qualities very superior. Prominent planters in the Southern States agree in pronouncing it very productive and the most profitable potato they have ever grown, bringing from 50 cents to \$1.00 per barrel above the price of Red Bliss' Triumph, on account of its beautiful white skin and handsome shape. Peck, 75c.; bush., \$2.00; bbl., \$4.50; 5 bbls. and over, \$4.25 per bbl.

Maine Seed Potatoes (Continued)

PLEASE NOTICE.—As prices are subject to fluctuation, we would request that our customers send in their orders as soon as possible after receiving our Manual. All orders will be promptly acknowledged and potatoes forwarded as soon as weather permits, in time for spring planting. Customers residing South can have them shipped at any time during the winter with little or no risk, but those residing North or West had better wait until the extreme freezing weather is over, in March or early April, which will be in ample time for planting. To freeze potatoes, when packed in tight barrels, requires extremely cold weather. We ship each season several thousand barrels seed potatoes to nearly all sections, North, East and West, and rarely receive a complaint of freezing. We will quote special prices on five and ten barrels of one variety.

POTATOES BY MAIL. All the following varieties of potatoes will be sent by mail, postage prepaid, at 30c per pound; 4 pounds for \$1.00, carefully labelled and packed.



NEW EARLY THOROUGHbred POTATO.

Early Thoroughbred

We think so highly of this new potato that we paid the originator \$5.00 per barrel for our seed stock, and, after giving it three years' thorough trial, we are more than ever convinced of its great value. It combines more good qualities than any early pink potato introduced since the Early Rose. It is earlier than the Early Rose and has outyielded it, two to one. The tubers are oblong, as shown in photograph above, very smooth and uniform, of light pinkish color, and simply perfect in table qualities. Peck, 70c; bush., \$2.00; bbl., \$4.25; 5 bbls. and over at \$4.00 per bbl.

The Crown Jewel Extra Early

The Crown Jewel is a seedling of the Early Ohio, and it partakes of all the pure and unadulterated qualities of its excellent parent, without any admixture of baser blood. Its skin is white and smooth, eyes shallow but strong, flesh pure white and floury, cooking evenly throughout. The vines grow vigorously, the roots extend very deeply into the soil, thus resisting drought, and its keeping qualities are equal to the best. Its extreme earliness makes it the most profitable potato for both the market and home garden. Peck, 70c; bush., \$2.00; bbl., \$4.25; 5 bbls. and over, \$4.00 per bbl.

Bliss' Triumph, or Improved Bermuda

This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose, is much more productive and matures its crop at least a week in advance of the Early Rose. Tubers are of medium size, round and uniform in shape, with but a very few small ones; eyes slightly depressed; color a beautiful light red. Its great beauty, productiveness and fine quality make it one of the best extra early market varieties, especially for the South. Peck, 65c; bush., \$1.75; bbl., \$4.00; 5 bbls. and over, \$3.75 per bbl.

Irish Cobbler Potato

A New 80-Day Sort

Pennsylvania and New Jersey growers who planted this variety last season realized handsomely on their early crops. It is very productive, matures ahead of the Early Ohio. Shape round or chunky, eyes strong and deeply set, skin netted, flesh white, quality very superior. Irish Cobbler is a most desirable early market sort. Peck, 70c; bush., \$2.00; bbl., \$4.25.

The Penn Manor Extra Early

This variety was originated from a seed-ball of the Early Rose by one of the largest growers of that historic country, a few miles north of Philadelphia, known as Penn's Manor. It has been critically tested and planted by some of the most extensive potato growers, who all agree in saying they have never found a hardier or more productive variety, doubling the Early Rose in yield. It is fuller at the ends, and has a skin in color a lighter pink than Early Rose, ripening a few days earlier, and with heavier foliage, which withstands the beetle to a remarkable extent. It also withstands severe drought better than any early variety we have ever grown. This and Early Thoroughbred are destined to supersede Early Rose. Peck, 70c; bush., \$2.00; bbl., \$4.25; 5 bbls. and over, \$4.00 per barrel.

Table King Potato

THE TABLE KING is a new seedling originated in Washington County, the banner potato county of New York State. Tested the past season in different States by some of our largest potato growers, it has outyielded all other potatoes nearly two to one, and is destined to become the best and most popular all-around potato on the market. The skin is a light russet color, with few and shallow eyes. The flesh is snow-white, remarkably dry, smooth and floury when either baked or boiled. Their flavor as a table potato is not exceeded by any variety that grows. The vines are unusually strong and healthy. The tubers lie compact in the hill, ripen medium early, and are entirely free from scab, rot or disease of any kind. Peck, 70c; bush., \$2.00; bbl., \$4.50.

The Great Divide

New Main Crop Potato

A new late potato. In our tests we find it a wonderfully heavy cropper and unusually free from disease. The vines are stout, erect and vigorous. Tubers oblong, white and of fairly good quality. Peck, 65c; bush., \$1.75; bbl., \$3.75.

Well-Known Standard Sorts

QUEEN. Early. Peck, 60c; bush., \$1.70; bbl., \$3.50.
EARLY PURITAN. Peck, 60c; bush., \$1.70; bbl., \$3.50.
MAINE, or HOULTON EARLY ROSE. Pure and fine. Peck, 60c; bush., \$1.70; bbl., \$3.50.
THE FREEMAN. Extra early, quality equal to Old Snowflake. Peck, 65c; bush., \$1.75; bbl., \$3.75.
EARLY NORTHER. Type of Early Rose. Peck, 65c; bush., \$1.75; bbl., \$3.75.
EARLY SUNRISE. Peck, 65c; bush., \$1.75; bbl., \$3.75.
EARLY OHIO. Peck, 65c; bush., \$1.75; bbl., \$3.75.
EARLY BEAUTY OF HEBRON. Popular early sort. Peck, 60c; bush., \$1.70; bbl., \$3.50.
RURAL NEW YORKER, No. 2. Fine for main crop. Peck, 65c; bush., \$1.75; bbl., \$3.75.
LATE PURITAN. Peck, 60c; bush., \$1.70; bbl., \$3.50.
CARMAN, No. 1. Fine medium or intermediate. Peck, 65c; bush., \$1.75; bbl., \$3.75.
IRISH DAISY. Peck, 65c; bush., \$1.75; bbl., \$3.75.
MAMMOTH PEARL. Popular late sort. Peck, 60c; bush., \$1.70; bbl., \$3.50.
EMPIRE STATE. Peck, 65c; bush., \$1.75; bbl., \$3.75.
WHITE STAR. Peck, 60c; bush., \$1.70; bbl., \$3.40.
WHITE ELEPHANT, or LATE BEAUTY OF HEBRON. Peck, 60c; bush., \$1.70; bbl., \$3.50.
BURBANK'S SEEDLING. Peck, 60c; bush., \$1.70; bbl., \$3.40.
PEERLESS. Peck, 60c; bush., \$1.70; bbl., \$3.50.

Potato Eyes of the New Varieties by Mail

For \$1.00 we will send, all postage paid, 50 good strong eyes of either **The Bovee, Early Thoroughbred, Pride of the South, Table King, or Irish Cobbler** Potatoes, or for \$3.00, 250 eyes, 50 of each variety, separate and carefully labelled and packed in damp moss. These eyes will produce as good crops as if the whole tubers were planted, and enable customers residing at long distances to get these valuable new varieties at a trifling expense.

Potato Seed

MIXED. From the best hybridizers. Per pkt., 25c.

New Jersey Grown Seed Sweet Potatoes

We make a specialty of Seed Sweet Potatoes, growing our stock exclusively in New Jersey, about nine miles from our Philadelphia warehouse, where we have unequalled facilities for handling and storing. New Jersey grown Sweet Potatoes are everywhere acknowledged to be the best in quality, being much **drier and sweeter** than those grown in the South and West, while their **keeping and shipping qualities** are away ahead. We pack for shipment in boxes and barrels, with greatest care; but as they are very susceptible to climatic changes, we cannot hold ourselves responsible for their condition after long journeys of several hundred miles, and **wish it distinctly understood that customers take ALL RISKS** after we deliver in good condition to the express or railroad company here. We do not ship until about planting time, unless specially ordered to do so. **Our barrels contain three bushels—good measure.** Full and concise directions for bedding and sprouting the seed and setting out Sweet Potato Plants will be found in our new illustrated book, "**Farm Gardening**," which can be had **free** with all orders for vegetable and flower seeds amounting to **\$3.00 and over.** (See page 13.)

A New Variety that will Revolutionize Sweet Potato Culture

The Seed and Plants of which are now offered for sale for the first time



Photograph of section of field, grown by the originator for us, of the new Vineland Bush Sweet Potato.

THE NEW VINELAND BUSH SWEET POTATO

We have been fortunate in securing from Mr. John Maytrott, one of the largest Sweet Potato growers of New Jersey, his entire stock of this wonderful new and distinct Sweet Potato, which is much superior to the Vineless Sweet Potato introduced a few years ago. We visited Mr. Maytrott's farm during the growing season, and are thoroughly convinced that he has originated a most valuable variety, and that all claims he makes for it can be fully substantiated. He writes about it as follows:

"The **Vineland Bush Sweet Potato** originated on my farm from the well-known Early Nansemond and Vineland Sweet Potato. It is a perfect bush, with no inclination for spinning, resembling a bean bush very closely. The tubers grow directly under the stalk. They are most abundant bearers, good flavor, handsome, rich yellow color and an excellent keeper. They can be grown fifteen inches apart in the row, the rows being thirty inches wide. They are simply perfection and a great improvement over all other vineless potatoes heretofore sold."

OF INTEREST TO DAIRYMEN. Mr. Maytrott further writes: "From 2,000 plants I harvested 86 baskets of prime potatoes, 35 seconds and 27 culls, making a total of 148½ bushel baskets. I then had the tops, which average 3 pounds each, which made 6,000 pounds of green forage, which was eaten with great relish by my cows. The milk was rich and had a sweet, pleasant flavor. All other stock, except horses, thrive on it. By planting the potatoes as I have said, one acre will contain about 14,000 plants. With proper care you will have a fine crop of potatoes and about **twenty-one tons of Green Forage.**"

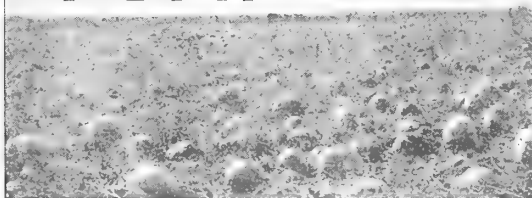
Prices: per lb., 40c.; 3 lbs., \$1.00, by mail, postage paid; peck, \$1.50; bushel, \$5.00, by express. Supply being limited this season, we cannot supply them by the barrel. Plants, ready after May 1st, \$1.75 per 100, postpaid; \$1.50 per 100; \$8.00 per 1,000, by express. 500 plants at 1,000 rates.

We can furnish choice seed of the **Old Vineless Sweet Potato**, such as has heretofore been sold at 85c. per peck; \$2.50 per bushel; \$5.00 per barrel.

EXTRA EARLY CAROLINA, JERSEY "UP RIVERS," AND EARLY NANSEMOND. The justly celebrated Philadelphia Sweet Potatoes, universally grown for Philadelphia, New York and other large markets. Each, per peck, 75c.; bush., \$2.00; bbl., \$4.00. Plants of any of the above, ready May 1st, 60c. per 100, by mail, postpaid; 40c. per 100; \$2.50 per 1,000, by express.

We will make special prices for larger quantities. Write us before you buy.

• PUMPKINS •



One pound will plant two hundred to two hundred and fifty hills; four to six pounds are required to plant one acre.

NEW WINTER LUXURY PUMPKIN

This pumpkin, named and introduced by us six years since is the result of six years' careful selection and improvement by a veteran pumpkin grower, and is pronounced by hundreds of our customers the very best pumpkin for pies that they have ever known. It grows round, uniformly to a diameter of ten to twelve inches, and is enormously productive. In color it is a beautiful golden yellow, very finely and closely netted, like a netted muskmelon. As a winter keeper and cooking variety it stands unequalled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

BIG TOM FIELD PUMPKIN. A valuable new sort, reaching a very large size, and of very superior quality. See Novelties, page 10. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

CASHAW, or CROCKNECK. Very popular; splendid for table use or feeding stock; skin and flesh cream color, solid and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

JONATHAN, or LARGE WHITE CASHAW. This new pumpkin grows larger than the old Cashaw, with creamy white skin. It is a good keeper, very prolific, smooth, even and thick-fleshed; very sweet and fine for pies or feeding stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.



LARGE CHEESE, OR KENTUCKY FIELD PUMPKIN.

LARGE SWEET CHEESE, or KENTUCKY FIELD. A most popular variety. Fruit flattened, as shown in above photograph; skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick, tender, very nutritious and of excellent quality; a most productive variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

GREEN STRIPED CASHAW. This is a great improvement on the old cream-colored or white Cashaw. They are much more beautiful in appearance, being a distinct mottled green and white striped. The flesh is a rich yellow color, solid, fine grained, very thick, sweet and excellent for pies, and equally good for baking. They are very hardy, bugs seldom bother them, and yield a much heavier crop than most other sorts. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

CALHOUN. This new pumpkin has been thoroughly tested in all sections of the country, and is pronounced by all one of the best for pies. Shape nearly round, but somewhat flattened on the ends; skin creamy brown; flesh inside of a deep salmon yellow, very thick, fine grained and of most excellent quality. Lovers of fine pumpkins should try the Calhoun. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

SMALL SUGAR. A very handsome little pumpkin, with deep orange-colored skin, and flesh of unusually fine sugary flavor; fine grained, very productive and keeps well. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

NANTUCKET SUGAR, or NEGRO. This pumpkin is comparatively unknown outside of a few of the far Eastern States, where it is used exclusively in making the celebrated Yankee Pumpkin Pies. The skin is very dark green, almost black, flesh thick and of a rich orange yellow. They weigh from twelve to fifteen pounds and will keep for a year. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

GOLDEN MARROW. A splendid pie pumpkin. They are slightly ribbed; the skin is of a deep orange color; the flesh fine and of excellent flavor. Cook soft and tender, and are excellent keepers. The vines are very productive and hardy. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

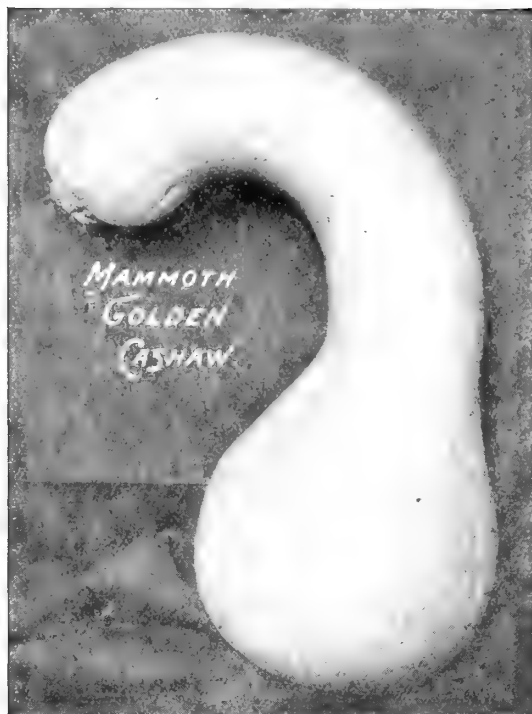
JAPANESE PIE PUMPKIN. This remarkable variety, from Japan, has proven a valuable addition to our pie and cooking pumpkins. The flesh is very thick, of a rich salmon color, and nearly solid, the seed cavity being very small. Unusually fine grained, dry and sweet, having much the same taste and appearance as sweet potatoes, making pies as rich without eggs as other varieties do with them. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

QUAKER PIE PUMPKIN. A distinct variety from New York State, where it has been grown for many years by a family of Quakers or Friends. The shape is nearly oval, tapering slightly towards the ends. Color creamy white, both inside and out; flesh is sweet and rich, and an excellent keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

TRUE TENNESSEE SWEET POTATO. One of the very best pie pumpkins. They grow pear-shaped, to good size, slightly ribbed; skin is a creamy white, flesh very thick, creamy white, dry and fine grained, keeping well until late in the spring. When cooked, resemble sweet potatoes, but more delicious. The vines are hardy and enormously productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

GOLDEN OBLONG. A very fine, new and productive variety, growing oblong to a length of sixteen to eighteen inches, and seven to eight inches in diameter. The outside skin is dark green when young, changing to a deep golden color as it ripens. Flesh rich yellow, very sweet, dry and excellent for pies. Its keeping qualities are almost equal to winter squashes. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Common Yellow Field. Very productive and grown for feeding stock. Pkt., 5c.; oz., 10c.; lb., 35c.; 10 lbs., \$2.00.



MAMMOTH GOLDEN CASHAW

This splendid variety differs from the common white or cream-colored Cashaw in the outside skin, being of a rich golden orange color, and grows to a much larger size. In its early stages it is dark green, ripening to a warm rich yellow. The flesh is also much thicker, sweeter and finer grained than in any other pumpkin, and of a deep rich yellow color. For making pies it is superior, while for stock feeding and keeping purposes it has no equal. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; (5 lbs., \$5.00, by express).



King of the Mammoths

The Great Prize Pumpkin

This truly colossal variety first came to our attention some years ago, while visiting France, where we secured seed, and distributed it among our customers. The results have been **astounding**. No other pumpkin ever introduced has reached such **enormous weights**, and been awarded as **many prizes**. Hundreds of our customers have raised specimens weighing **over one hundred and fifty pounds each**, the heaviest ever grown being two hundred and forty pounds. It frequently attains a diameter of over four feet. The flesh and skin of a bright **golden yellow** color, very fine grained, of excellent quality, and notwithstanding its enormous size, is one of the **very best pie or table pumpkins**.

PRICES FOR 1899. Seeds saved from specimens selected from our patch weighing one hundred pounds and over. Pkt., 15c.; 4 pkts., 50c. Seeds saved from the general crop, all good, large, uniform specimens. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

MAMMOTH FOREIGN PUMPKINS

MAMMOTH ETAMPES BRIGHT RED. This giant variety, from France, is quite celebrated, and has been grown in this country to enormous size. It is of a bright glossy red color, a splendid variety to grow for exhibition purposes. Pkt., 10c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.25.

GRAY BOULOGNE. Grows to very large, round size, flattened on the ends; skin of a grayish green color; growing to a weight of sixty to seventy-five pounds with ordinary culture. Pkt., 10c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.25.

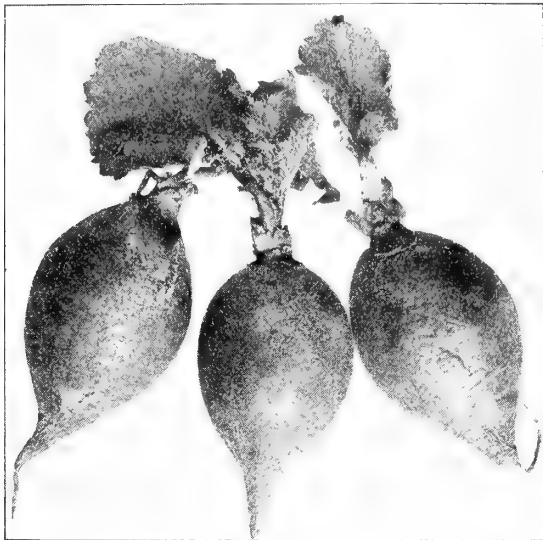
MAMMOTH TOURS, or CITROUILLE. A French variety, which is used largely for cattle feeding; it grows to an immense size, often weighing over one hundred pounds. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

A SPECIAL COLLECTION OF MAMMOTH PUMPKINS FOR 25 CENTS

As an extra inducement for customers to give all our Mammoth varieties a trial, we will send, free by mail, one packet each, King of Mammoths, Mammoth Bright Red Etampes, Gray Boulogne and Mammoth Tours, giving a magnificent collection for 25 cents.



One ounce of radish seed will sow one hundred feet of drill; nine pounds will sow one acre in drills.

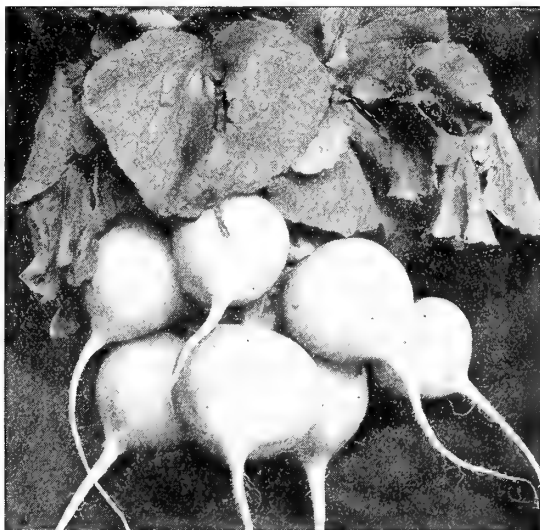


JOHNSON & STOKES' OLIVE SCARLET FORCING RADISH.

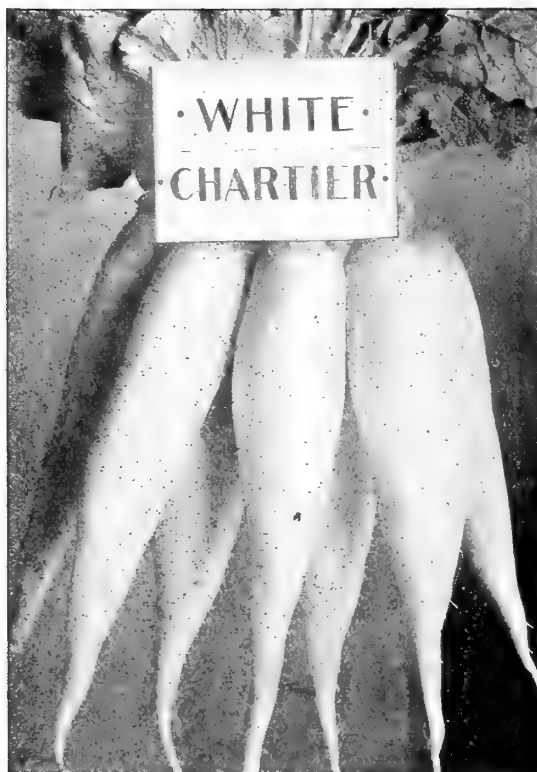
Johnson & Stokes' Olive Scarlet

A decided improvement on the ordinary deep scarlet, olive-shaped radish, selected and perfected by a Philadelphia market grower. The tops are so small that the radishes may almost stand touching each other in the rows. Its fine shape, as shown in photograph above, is not its only superior quality, but it is the handsomest in color of all deep red sorts, selling better than any other early sort in Philadelphia markets. This is one of our new varieties, which tends to make our vegetables all so popular with gardeners everywhere. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

FELTON'S MODEL WHITE BOX RADISH. The Felton's Model possesses all the excellent qualities of the popular Philadelphia White Box, but is superior in being much handsomer and earlier, with fewer and shorter leaves; hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more radishes in the same space, under glass, in boxes, or open ground. Pkt., 5c.; 10c.; ¼ lb., 25c.; lb., 75c., postpaid; 5 lbs., \$3.00, by express.

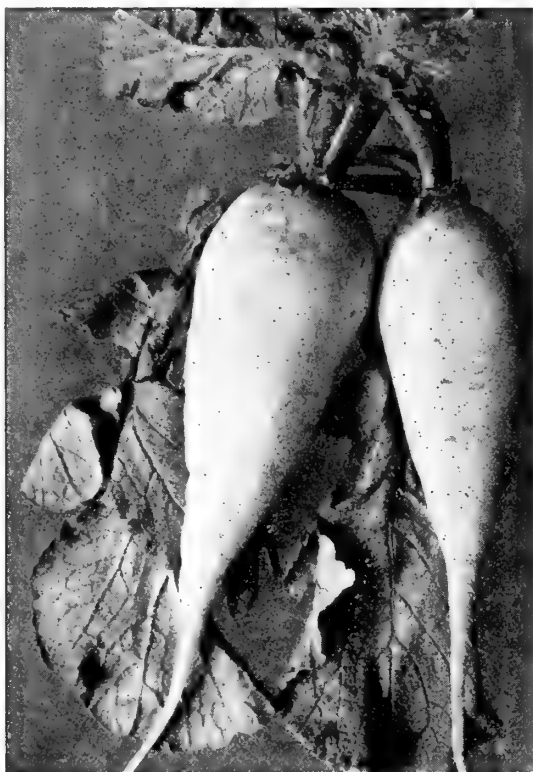


FELTON'S MODEL WHITE BOX RADISH.



NEW WHITE CHARTIER RADISH

This new variety, originated in Southern New Jersey, is a white form of the well-known Chartier Radish. It matures in about six weeks from time of sowing, and remains fit for use two to three weeks afterward. Tops short, flesh mild, crisp and fine for slicing. Our seed is grown for us by the originator. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.



WHITE STRASBURG SUMMER RADISH

This variety is now the most popular summer radish. Both skin and flesh are pure white, almost transparent, and of a delightful pungent taste. It can be pulled five weeks from time of sowing, yet it will continue to grow without losing its fine quality, and remains tender longer than any other summer sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c., postpaid; 5 lbs., \$1.75, by express.

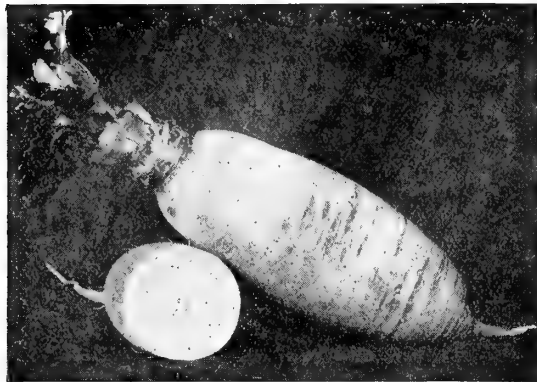
Well-Known Early and Summer RADISHES

Large packets of any variety, 5 cents each. If ordered sent by freight or express, 10 cents per lb. should be deducted from these prices.

Extra Early Scarlet Turnip. Very early, small, round (5 lbs., by express, \$1.75),
Earliest Round Dark Red. (Scarlet Button.) Very handsome, crisp and tender,
Scarlet, or Cardinal Globe. Very early; handsome color; crisp and tender . .
Fireball Radish. One of the finest round, red forcing varieties
Sturtle, or Twenty-Day Forcing. One of the earliest half-long red radishes,
Rosy Gem or Rapid Forcing. Resembles scarlet turnip, white tipped, in form
 and color, but a week earlier; handsome, tender and crisp
Scarlet Turnip, White Tipped. Popular (5 lbs. and over, by express, 35c. lb.),
Early White Turnip. Both skin and flesh pure white (5 lbs., \$2.00, by express),
Philadelphia White Box. Turnip shape; very early (5 lbs., \$2.25, by express),
French Breakfast. Olive-shaped; red, tipped with white; very handsome . . .
Olive-Shaped Golden Yellow. Earliest and best yellow radish
Scarlet Olive-Shaped. Quite early and handsome; of fine quality
Early White Olive-Shaped. White flesh and skin; crisp and mild
Surprise. Very early; olive-shaped; light brown; fine for early or summer . .
Newcom. Earliest and largest half-long white (5 lbs., \$3.00, by express) . . .
Half-Long Deep Scarlet, or Paris Beauty. A great favorite; bright, crisp flesh,
Philadelphia Gardeners' Long Scarlet. A great improvement on Long Scarlet;
 earlier, shorter top; better shape and color; fine keeper (5 lbs., \$3.00) . . .
Cincinnati Market. New long, scarlet type; straight, smooth, very small top,
Long Brightest Scarlet, White Tipped (Long Cardinal). New French sort . .
Early Long Scarlet, or Salmon. Well-known old sort (5 lbs., \$1.75, by express),
Wood's Early Frame. Similar to the Long Scarlet; better for forcing
Chartier, or Shepherd. Large, long, summer radish; scarlet, with white tip .
Lady Finger, or Long White Vienna. Popular. One of the best (5 lbs., \$1.75)
Giant White Stuttgart. A mammoth white radish; very early
Large White Summer Turnip, or Globe. Very popular (5 lbs., \$2.00, by express),
Improved Large Yellow Summer Turnip. Handsome in shape (5 lbs., \$2.25),

Postpaid by Mail.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 20	\$0 50
10	20	50
10	25	75
10	30	90
10	30	90
10	25	75
10	20	50
10	20	55
10	20	60
10	20	55
10	25	75
10	20	60
10	20	60
10	25	75
10	25	75
10	25	70
10	20	50
10	20	50
10	20	55
10	20	50
10	20	55
10	20	55
10	20	60



NEW CELESTIAL—AN ALL-SEASONS WHITE RADISH.

New Celestial, or White Chinese

Has been grown for a few years past by California gardeners, who obtained it direct from China. It should not be sown until summer, June or July, and is ready for use when three inches long, and continues until nearly six inches long. It also makes one of the best winter radishes from seed sown in August. Flesh firm, solid, crisp, pure white and never woody. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

NEW ROUND SCARLET CHINA. An all-seasons red radish. See Novelties, page 11. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

Radish—Winter Varieties



CHINA ROSE WINTER.

CHINA ROSE WINTER. One of the best winter varieties, bright rose-colored; flesh white, firm and of superior quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

HALF LONG BLACK SPANISH. New. See Novelties, page 11. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

ROUND BLACK SPANISH. A fine globe-shaped radish, very popular with the Germans, known as *Gelbig*; good quality. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

Long Black Spanish. A large winter variety; one of the hardiest, with dark green leaves, firm in texture; keeping until spring. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

CALIFORNIA MAMMOTH WHITE. Winter variety, growing twelve inches long; white-fleshed, firm and of excellent quality. It is the largest grown, called by some Mammoth Russian. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

LARGE WHITE SPANISH WINTER. Roots, when full grown, measuring seven or eight inches in length, and about three inches in diameter. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

Rhubarb (Pie Plant)

One ounce will produce about one thousand plants.

Large Victoria. An excellent cooking variety. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40.

Rhubarb Roots. **EXTRA EARLY, or STRAWBERRY and LARGE VICTORIA.** Each, per large root, 15c; doz., \$1.00; 100, \$4.50, by express; by mail, postpaid, 25c each, or \$2.00 per doz.

Sorrel

Large-Leaved French. Cultivated for its acidity, much used in salads. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Salsify (Oyster Plant)

One ounce will sow about sixty feet of drill.

Salsify is a most nutritious and delicious vegetable and is one of the crops that should be more generally cultivated on the farm for winter use and sale, as it can be grown just as cheaply as carrots, parsnips, etc., and commands higher prices in the markets. To this class of vegetables, which put money in the farmer's pocket, our new book, "Farm Gardening," calls particular attention.

SANDWICH ISLAND

This Salsify grows fully double the size of the old Long White. The root is pure white, much heavier and thicker throughout, and notwithstanding their enormous size, are much superior in quality. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40.

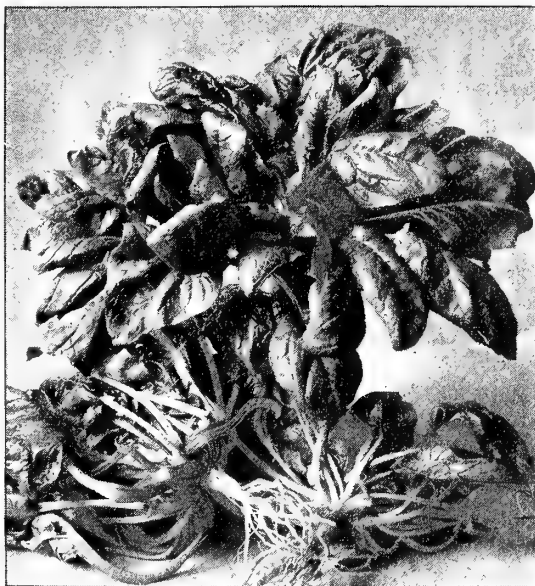
Scorzonera, or Black Salsify. Pkt., 5c; oz., 15c; lb., \$1.25.



SANDWICH ISLAND SALSIFY.

Spinach

One ounce will sow one hundred feet of drill. Twelve pounds will sow one acre.



PLANTS, WITH ROOTS, OF PARISIAN LONG STANDING.

New Spinach—Parisian Long Standing

This new French Spinach surpasses all others in its broad and heavy dark green leaves, which have the true Savoy appearance. It will stand fully two weeks longer than any other variety without running to seed, making it by far the most valuable for spring planting. For wintering over it has proven hardier than the famous **American Savoy** or **Bloomsdale**. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c, postpaid; lb., 40c; 10 lbs. and over, 35c per lb., by express.

ENKHUIZEN LONG STANDING SPINACH. Popular for Spring sowing. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c, postpaid; 10 lbs. and over, 25c per lb., by express.

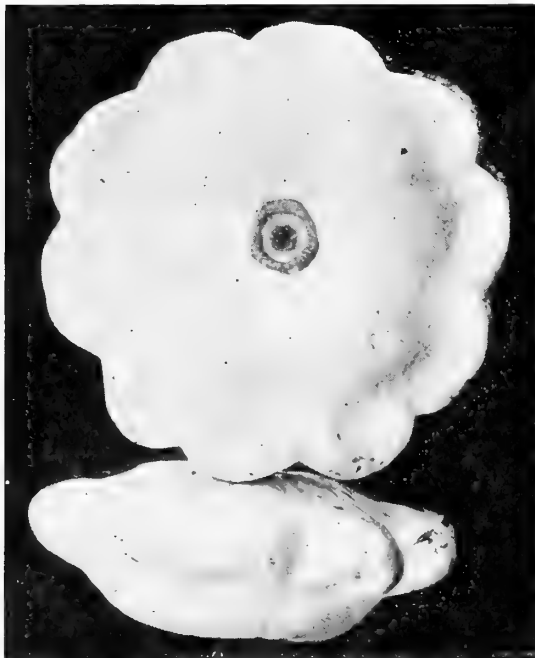
AMERICAN ROUND-SEEDED SAVOY, or BLOOMSDALE. Our Celebrated Philadelphia Stock. Popular for fall sowing. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c, postpaid; 10 lbs. and over, 25c per lb., by express.

NEW VICTORIA. Leaves very dark green. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c; 5 lbs. and over, 28c per lb.

NEW ZEALAND SPINACH. (*Tetragonia Erpana*.) Sow in May. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Squash

One ounce will plant twenty to forty hills, according to size of seed. Four to six pounds will plant one acre.



NEW MAMMOTH WHITE BUSH SQUASH.

NEW MAMMOTH WHITE BUSH, SCALLOPED.

An improved strain of the well-known White Bush, or Patty Pan Squash, growing uniformly to over twice the size. They ripen early; skin a handsome white color, and wonderfully productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

GOLDEN CUSTARD, or MAMMOTH YELLOW BUSH. With the exception of the New Mammoth White Bush described above, this is the largest of all the scalloped sorts. Color, deep golden yellow; fine quality and very productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

NEW SWEET NUT SQUASH

When only half grown and cooked green, as summer squashes, they are dry, fine flavored and delicious. Cut in slices and fried, like egg-plants, they can hardly be distinguished from that excellent vegetable, but their greatest value consists in being used as a winter squash. When pulled before frost, laid away in a dry room or cellar, they will keep sound and sweet the whole winter through. For making pies, custards, etc., their beautiful yellow flesh possesses a dry, rich, sweet flavor, even without the use of sugar. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

CHICAGO WARTED HUBBARD

An improvement on the old-fashioned Hubbard. Same shape, large size, dark green, almost black; distinguished by a dense covering of knots, which justifies the name of "Warted." Very thick flesh, first-class quality and a good keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

Popular Well-Known Squashes

Large Packets, 5 Cents Each

If ordered sent by express,
deduct 10c. per lb.

	By mail, postpaid.		
	Per oz.	$\frac{1}{4}$ lb.	lb.
WHITE BUSH SCALLOP. The well-known white Patty Pan . . .	\$0 10	\$0 20	\$0 50
EARLY GOLDEN, or YELLOW BUSH. Differs in deep orange color, . . .	10	20	50
GOLDEN SUMMER CROOK-NECK. Small crook neck, distinct yellow fruit . . .	10	20	55
NEW GIANT, or MAMMOTH SUMMER CROOKNECK. Early, double the size; often 2 feet long . . .	10	20	60
LONG GREEN SUMMER CROOKNECK. The best for frying. Popular in Philadelphia markets . . .	10	25	75
WHITE PINEAPPLE. Peculiar shape, white skin and flesh . . .	10	20	50
HUBBARD. The old favorite . . .	10	20	55
WHITE CHESTNUT. Sweet; yellow flesh; dry as a boiled chestnut . . .	10	20	60
BOSTON MARROW. Bright orange; fine for autumn use . . .	10	20	50
EARLY ORANGE MARROW. Earlier; very productive; fine . . .	10	20	60
SIBLEY, or PIKE'S PEAK. Bright orange; fine; long keeper . . .	10	15	45
FAXON. Most productive winter squash; best of keepers . . .	10	20	50
FORDHOOK. Early, sweet and dry . . .	10	25	75
ESSEX HYBRID, or WARREN. . . .	10	20	60
MAMMOTH CHILI. The Jumbo of all, often weighing 200 pounds . . .	15	35	1 25

NEW SQUASH—The Red Hubbard—A Long-looked-for Variety at Last

After years of careful selection, so that in character and color it has become firmly fixed, we have been able to grow enough pure seed to offer in quantity this excellent new squash. It is a sport from that old standard of excellence, the Hubbard; a perfect type of its parent, except in color, which is a bright orange red, exceedingly showy and attractive. Flesh much richer in color than Hubbard, fine grained, cooks very dry, of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far exceeds the old variety. Its superior keeping qualities, combined with its sweet, rich flavor, attractive color and shape, are bound to make it a great market seller. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.

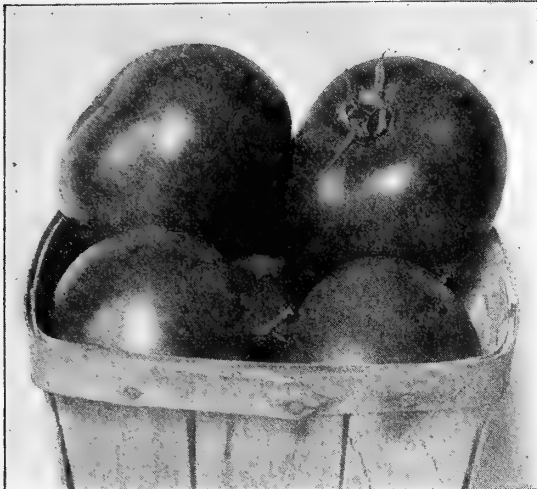


THE NEW
RED
HUBBARD
SQUASH.

TOMATO SEEDS FROM SELECTED FRUIT

For years we have made a careful study of growing the very best tomato seed. All tomatoes showing the slightest variation from the standard type are rigidly discarded, thus securing the purest possible seed. Our long experience and great care enable us to furnish a prime article of this important seed to market gardeners, and to retain the patronage of all who deal with us.

One ounce will produce about thirteen hundred plants.



ATLANTIC PRIZE TOMATOES, AS THEY APPEAR FOR SALE ON FRUIT STANDS, ETC., DURING THE SPRING MONTHS.

ATLANTIC PRIZE TOMATO

Since we first introduced our Atlantic Prize Tomato, in 1889, it has rapidly popularized itself, and has now become the leading first early red tomato in cultivation. Thousands of acres are now annually planted in this variety from Maine to Texas. The vines grow strong, stiff and very rapidly, setting the crown fruit when quite young, the buds often appearing before the plant is four inches high. Each vine produces from sixty to eighty large perfect tomatoes, very solid and of the finest quality, being unusually free from core and seeds. It is by far the most valuable first early variety ever introduced. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

THE EARLY BIRD

The Most Marvellous Tomato of the Age
A Perfect Wonder in Earliness

This is the New Tomato, 1899, for which we paid \$100.00 for its name. See illustration and description under Novelties, page 12, also back of this book. Prices of seed for 1899: Pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25.

For additional testimonials regarding **Early Bird Tomato** see page 12.

FROM ILLINOIS

E. B. Webb, Rock City, Ill., August 9, 1898, writes: "The New Tomato 1899 is fully two weeks earlier than any known variety. The vine is strong and very thrifty, which prevents the tomatoes from laying on the ground. It is of fine size, unusually good flavor, and an immense yield."

FROM CONNECTICUT

George Linley, Bridgeport, Conn., July 16, 1898, writes: "I am delighted with your New Tomato, 1899, in every way. I had ripe tomatoes June 15th, away ahead of others. The tomato is large, fine, smooth and of a beautiful rose color when ripe. It is the most prolific, and not subject to rot. In my field all other varieties rotted badly, but this new one was not affected in the least."

FROM LOUISIANA

George Coverdale, Natchitoches, La., July 7, 1898, writes: "I am delighted with your New Tomato, 1899, in every way. I had ripe tomatoes June 15th, away ahead of others. The tomato is large, fine, smooth and of a beautiful rose color when ripe. It is the most prolific, and not subject to rot. In my field all other varieties rotted badly, but this new one was not affected in the least."

FROM CANADA

Spencer & Bro., Picton, Ont., June 22, 1898, writes: "We planted the seed of the New Tomato, 1899, you sent us, supposing, however, that it would be knocked out by some of my 'favorite stand-bys'; but these 'favorite stand-bys' got the knocking out. We found this new variety three weeks earlier and without a rival."

THE MONEY-MAKER TOMATO

A new first early purple tomato, surpassing the well-known Acme, Beauty and others of its class in handsome form, fine quality and productiveness. It is a strong, healthy grower, not subject to rust or blight, and is an enormous cropper, producing until the vines are killed by frost, holding its size exceedingly well until the last of the season. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

HONOR BRIGHT TOMATO

This is Mr. Livingston's latest, and in growing it at "Floracraft" we find it a decided novelty and one of merit. In growth the fruit is at first light green, then an attractive waxy white, then lemon, changing to rich, bright red when ripe. The tomatoes are remarkable for their long-keeping qualities, and are specially recommended for shipping. Foliage greenish-yellow, but of vigorous growth. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

THE GREAT B. B. (Brinton's Best)

This tomato was originated by the late Thomas H. Brinton, a veteran tomato specialist, who, up to the time of his death, had tested more new tomatoes than any other man in the United States. Since our introduction of it, in 1893, it has met with very large sale in all sections, and out of hundreds of unsolicited testimonial letters received there is not one who does not pronounce it "the very best main crop tomato they have ever grown." The vines grow vigorously and produce abundantly until killed by frost. They attract great attention owing to their beautiful deep red color, uniformly even large size and perfect, smooth shape. The skin is remarkably tough and solid, so that ripe specimens picked from the vine will keep in good marketable condition for two weeks. Its fine quality and solidity are unequalled. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.



THE GREAT B. B. (BRINTON'S BEST) TOMATO.

FROM KENTUCKY

A. C. Denham, Somerset, Ky., July 24, 1898, writes: "I have raised tomatoes 40 years and find this new one of yours the earliest I ever heard of. It grows vigorously and excels all others in beauty, size and production."

FROM KANSAS

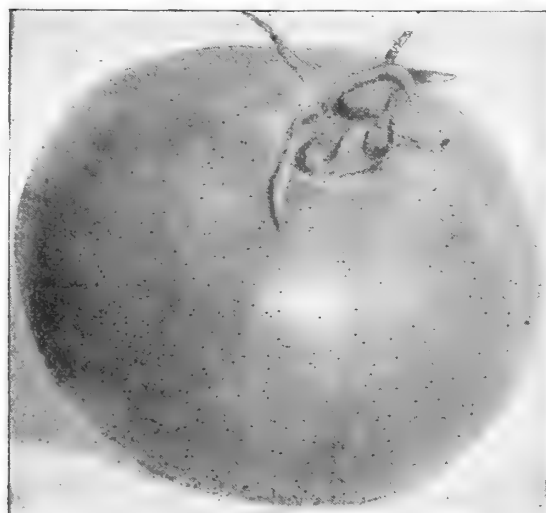
S. W. Watson, Peabody, Kansas, August 24, 1898, writes: "New Tomato is the earliest, hardest and most prolific; actually producing fruit to the extreme end of the vine. An ideal tomato."

FROM OREGON

Miss Clara McKee, Junction City, Oregon, Aug. 2, 1898, writes: "Your new Tomato, 1899, is far ahead of anything in vegetables that I have ever seen. I never saw tomatoes grow so quickly. The vines are loaded with large handsome fruit."

FROM NEW JERSEY

A. Shiffner, New Brunswick, N. J., Aug. 8, 1898, writes: "I cannot speak too highly of your new Tomato, 1899. I gave it a fair trial alongside six other early varieties, and it came out over two weeks earlier than any of the rest. It is not only the earliest, but is the greatest producer I ever saw. The tomatoes grow in clusters of from 5 to 8; good size, beautiful, rose-colored, firm and solid."



Average Specimen of the NEW FORTUNE TOMATO.

New Fortune Tomato

The Best Second Early Large Red Tomato

In January, 1894, we received from one of our customers a package of tomato seed, with the following letter: "I send you 2½ ounces of the best early tomato in cultivation, a variety originated by myself, and which I have never given a name, although I have grown it for several years and made thousands of dollars out of it. I am now 77 years of age, and my trucking days are about over. I am sure this tomato will prove a boon to market and family gardeners alike, and knowing that from your extensive trade you will distribute it where it will do the most good, I place it in your hands."

After thorough trials by ourselves and among hundreds of our market garden customers we are convinced that it is **the very best second early Tomato** yet introduced, with its magnificent large red fruit, borne in immense thickly set clusters. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

A Select List of the Best TOMATOES—SEED OF OUR OWN GROWING

Post-paid by Mail.

Deduct 10c. per lb. from these prices if ordered sent by express or freight.
In regular size large packets, each, **5c. per packet**, except where noted.

Extra Early Advance. One of the earliest; small, smooth, bright red and solid.
Early Michigan, or Red Apple. Very early; medium size; red, smooth.
Livingston's Perfection. Early; large size; very productive; fine blood red.
Livingston's Favorite. Large, smooth, productive; a good shipper and canner.
Livingston's Beauty. Large, smooth, purplish pink; thick flesh; regular form.
New Stone. Very large; perfectly smooth; bright scarlet; solid; best for canning.
New Imperial. Early, large, smooth, solid; pinkish purple when ripe; per pkt., 10c.
New Buckeye State. Very large, solid, meaty; deep purple; a heavy cropper.
Livingston's Royal Red. Skin and flesh deep red; fine for main crop.
Liberty Bell. Extra early; large size; red; fine quality; per pkt., 10c.
Aristocrat. Erect, strong vine; large red fruits of finest quality.
Thorburn Long-Keeper. Bright red; early; productive; a great keeper.
Brandywine. Finest late; large, solid, smooth, bright red; prolific; pkt., 10c.
Matchless. Extra large, smooth and handsome; bright red; solid; pkt., 10c.
Ponderosa. The largest variety in cultivation; a monster; per pkt., 10c.
Ignotum. One of the earliest of large, deep red, smooth varieties; productive.
Early Paragon. Bright red; productive; standard for market and canning.
Dwarf Champion. Early; fruit resembles Acme; foliage upright; pkt., 10c.
Early Market Champion. Very early; large; purple; productive; pkt., 10c.
Livingston's Potato Leaf. Distinct leaf; fruit smoother than Mikado.
Volunteer. Early; bright red; smooth and perfect in form.
Chemin Market. Apple shaped; bright scarlet; solid; fine flavor.
Cumberland Red. Very large, tough skin; popular with canners; pkt., 10c.
Early Acme. Bright pink; smooth, round, uniform size; productive and popular.
Mikado, or Turner Hybrid. Very large; solid; purplish red, potato leaf.
Trophy. Very solid; large; late sort; improved smooth strain; per pkt., 10c.
New Queen. Bright red; smooth; fine flavor; very popular with canners.
Extra Early Trophy. Very early; medium size; red; slightly lobed.
Yellow Plum. Plum shape; bright yellow; used for pickles; per pkt., 10c.
Peach. Resembling peaches in shape and color; for preserves and pickles.
The Shah. Large, handsome form; beautiful, clear yellow color; first-class.
Red Cherry. An inch in diameter; borne in clusters; for pickles; per pkt., 10c.
Strawberry, or Winter Cherry. (Husk Tomato.) Small, yellow fruit; pkt., 10c.

Per oz.	¼ lb.	Per lb.
\$0 15	\$0 40	\$1 40
20	50	1 75
15	40	1 50
15	40	1 40
20	50	1 75
15	40	1 40
25	70	2 25
20	60	2 00
20	50	1 75
25	70	2 25
20	50	1 75
25	75	2 50
25	70	2 25
40	1 25	4 00
20	60	2 00
15	40	1 40
25	70	2 25
25	75	2 50
15	40	1 40
20	50	1 75
20	50	1 75
30	75	2 75
15	40	1 40
20	60	2 00
25	70	2 25
20	50	1 75
15	40	1 40
25	70	2 25
15	40	1 50
20	50	1 75
25	70	2 25
25	70	2 25

IN MAKING UP YOUR ORDER, HAVE YOU AVAILED YOURSELF OF OUR VERY LIBERAL PREMIUMS?
You are entitled to 50 cents' worth of Seeds extra for each \$1.00 sent us for Seeds in Packets.
You are entitled to 25 cents' worth of Seeds extra for each \$1.00 sent us for Seeds in Ounces.
If your order amounts to \$1.00 you will receive a package of the **grand New Tomato**, described on page 13, with privilege of competing for **\$100 cash premiums** for the best names suggested.

If your order amounts to \$2.00 you will receive 1 packet each of the **New Tomato** and **New Lettuce**, described on page 13, with the privilege of competing for **\$200 in cash** for best names suggested.

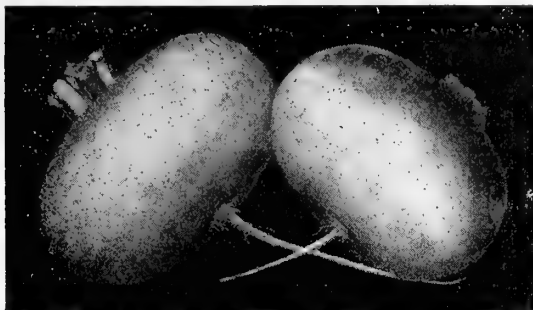
If your order amounts to \$3.00 you will receive 1 packet each of the **New Tomato**, **New Lettuce** and **New Cucumber**, also described on page 13, with privilege of competing for **\$300** for best names.

If your order amounts to \$3.00 you are also entitled to select, in addition, either one of our valuable new cloth-bound books, "**Farm Gardening**" or "**Irrigation by Cheap Modern Methods**."

If order amounts to \$4.00 you are entitled to select **both books** in addition to all the foregoing.

Turnip

One ounce will sow one hundred and fifty feet of drill, one to one and one-half pounds will sow an acre.



NEW WHITE MILAN.

PURPLE TOP MILAN.

EXTRA EARLY PURPLE TOP MILAN

This and the New White Milan are the most desirable turnips for early planting. Tops are very small, distinctly strap-leaved, and growing very erect. The roots are small and flat, skin purple on top of the root and white below; flesh clear white; a very shy seeder, hence the genuine seed is always high. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

NEW EXTRA EARLY WHITE MILAN

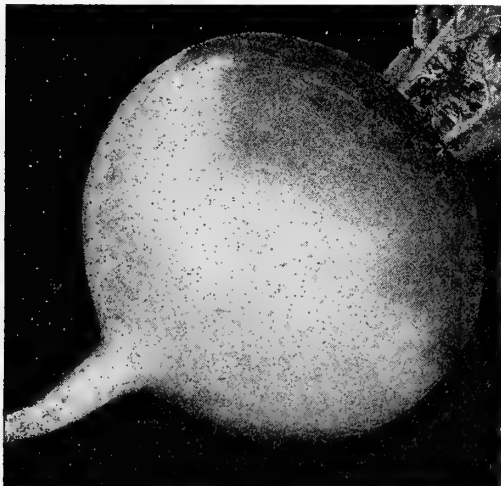
A splendid extra early turnip, offered in 1896 for the first time. The extreme earliness, small top and tap root of the Purple Top Milan is united with clear white skin and flesh. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

EARLY SCUPPERNON. This new turnip is of handsome flat shape. The outside skin is pale yellow, beautifully striped with scarlet. It is the earliest Yellow Turnip in cultivation. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

SCARLET KASHMYR, or CARDINAL. This new and distinct variety is of flat shape, the outside skin being of a deep scarlet color, wonderfully early and of the finest table quality. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

EARLY WHITE FLAT DUTCH. An early white-fleshed variety; usually sown early in the spring; of quick growth, juicy mild flavor, and excellent quality; also grown for a fall crop. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

PURPLE-TOP FLAT. (Strap-leaved.) This variety is similar to the above, excepting it is red or purple above ground. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.



NEW MAMMOTH PURPLE-TOP GLOBE TURNIP.

Mammoth Purple-Top Globe Turnip

This new sort is an improvement on the Early Red-Top Globe. Much handsomer, growing larger and more uniform; fine quality. It keeps well and is one of the best for early or winter market. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Myer's Purple-Top Beauty Ruta-Baga

This new variety is of American origin. It is undoubtedly the finest Swede to be obtained, whether for market, garden or stock feeding. The root is smooth and beautiful; flesh is golden yellow, fine grained, solid, sweet and very nutritious. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c., postpaid; 5 lbs., \$3.00.

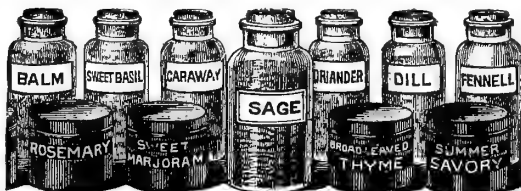
WELL-KNOWN TURNIPS AND RUTA-BAGAS

Regular Large Packets of any Variety, 5 cents each. Deduct 10c. per lb. if ordered sent by express or freight.

By mail, postpaid.

Per oz. ¼ lb. lb.

EXTRA EARLY PURPLE-TOP MUNICH. Small, grows above ground.	\$0 10	\$0 20	\$0 60
EARLY RED-TOP WHITE GLOBE.			
Early, productive and handsome	10	20	50
EARLY WHITE EGG. Very handsome. Excellent for early or late	10	20	50
IMPROVED SWEET GERMAN.			
Flesh white, hard and firm; sow early.	10	20	65
POMERANEAN WHITE GLOBE.			
Useful for both table and stock	10	20	50
LONG COW HORN, or WHITE FRENCH. Heavy cropper	10	20	50
GOLDEN BALL, or ORANGE JELLY. Small, very early, fine quality.	10	20	50
YELLOW, or AMBER GLOBE. Vigorous grower, fine keeper	10	20	55
YELLOW ABERDEEN, GLOBE-SHAPED. Very large, fine for cattle.	10	20	50
BUDLONG, or BREADSTONE. Very early half long white; fine table sort for both spring and winter use	10	25	75
MONARCH, or ELEPHANT RUTA-BAGA. Large, oval-shape; yellow	10	20	50
LONG ISLAND RUTA-BAGA, PURPLE TOP. Very large; fine, yellow	10	20	50
PURPLE TOP YELLOW RUTA-BAGA. Our finely bred strain	10	20	50
LARGE WHITE RUTA-BAGA.	10	20	50
SEVEN TOP. Very hardy; grown for leaves, used as greens or salads	10	20	50



SEEDS OF POT AND SWEET HERBS

Those marked with a * are perennial, and, when once obtained in the garden, may be preserved for years.

ANISE, pkt., 5c; oz., 10c. ***Balm,** pkt., 10c; oz., 25c. **Basil, Sweet,** pkt., 5c; oz., 15c. **Borage,** pkt., 5c; oz., 15c. **Catnip, or Catmint,** pkt., 10c; oz., 35c. **Coriander,** pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c. ***Caraway,** pkt., 5c; oz., 10c; ¼ lb., 25c. **Dill,** pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c. ***Lavender,** pkt., 5c; oz., 20c. **Marigold, Pot,** pkt., 5c; oz., 15c. ***Fennel,** pkt., 5c; oz., 10c. **Hyssop,** pkt., 10c. ***Horehound,** pkt., 10c; oz., 25c. ***Marjoram, Sweet,** pkt., 5c; oz., 15c; lb., \$1.50. **Opium Poppy,** pkt., 10c; oz., 25c. ***Rosemary,** pkt., 10c; oz., 25c. ***Rue,** pkt., 5c; oz., 15c. **Saffron,** pkt., 10c. **Sage,** pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75. **Savory, Summer,** pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00. ***Savory, Winter,** pkt., 5c; oz., 20c. ***Tansy,** pkt., 10c; oz., 30c. **Thyme,** pkt., 10c; oz., 30c; ¼ lb., 80c. ***Wormwood,** pkt., 5c; oz., 15c.

Tobacco Seed

PERSIAN ROSE MUSCATEL. Imported from Hungary; possesses a delicious Turkish or Rose perfume. Pkt., 10c; oz., 30c; ¼ lb., \$1.00. lb., \$3.00.

CONNECTICUT SEED-LEAF. Saved from selected plants. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

HAVANA. Genuine imported seed, direct from Cuba. Pkt., 10c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00.

General Grant, Pennsylvania, or Lancaster (Broad-Leaf). Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

Fruit Tree Seeds

Remit postage 8c. per pound, 15c. per quart, if by mail.

Peach Pits. Pure Southern, natural, qt., 15c.; bush., \$1.25. **Apple Seed,** lb., 25c.; bush., \$4.50. **Apricot Pits,** oz., 10c; lb., 40c. **Plum Pits,** oz., 10c; lb., 40c. **Pear Seeds,** French imported, oz., 20c; lb., \$1.50. **Quince Seed,** oz., 20c; lb., \$1.50. **Mulberry Seed,** oz., 20c; lb., \$2.00.

VEGETABLE PLANTS

Transplanted and Field Grown. The following are always on hand in season at our Floracraft Seed Gardens: **Early and Late Cabbage and Cauliflower, Celery, Egg-Plant, Pepper, Sweet Potato and Tomato.** We invite our customers to write us for prices, stating kinds and quantities wanted.



Fully appreciating the great importance to the farmer of **GOOD FIELD CROPS**, we have given particular attention to this department of our business, and have made the **SELECTION AND IMPROVEMENT OF FARM SEEDS** a specialty, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality. Our **FARM SEEDS HAVE GAINED A NATIONAL REPUTATION**, and we supply each year hundreds of customers in every State of the Union, from **MAINE TO CALIFORNIA**.

Legal Tender Yellow Dent Corn

THE CORN WHICH CARRIED OFF THE HONORS AT THE OMAHA EXPOSITION

Our attention was attracted to this corn while visiting the Great Trans-Mississippi Exposition, at Omaha, last fall, it being awarded the State and county premiums in competition with hundreds of other varieties exhibited from Iowa, Nebraska, Illinois and other great corn-growing States. The corn exhibit at Omaha was the greatest the world has ever seen, and that the **Legal Tender** should have carried off the honors is of itself the highest praise that could be given it.

It is the result of ten years' selection by a seed corn specialist in Iowa, and is very productive, 75 to 100 bushels to the acre being a common yield; of uniform pure yellow color; ear large and long, with deep grain on a small cob, while the stalk does not grow too large, usually 9 to 10 feet, the ears being set about 4 feet from the ground. It matures in from 110 to 115 days, and is well adapted to both light and heavy land. **Legal Tender** is a heavy corn, rich in fattening substance and will sell for the highest prices upon any market in the land. Prices: pkt., 10c.; lb., 30c.; 3 lbs., 75c., postpaid by mail. By express or freight, peck, 75c.; bush., \$2.00; sack of 2 bush., \$3.75; 10 bush. and over, \$1.75 per bush., delivered on cars here, sacks included.



LEGAL TENDER, the Corn which took the premiums at the Omaha Exposition.

The 100-Day Bristol Corn

THE LARGEST EARED, EARLIEST YELLOW DENT CORN

The **100-Day Bristol** was first pointed out to us by the well-known seed farmers, Messrs. Myers and Bowman, of Bucks Co., Pa., who, with a few neighbors, had been growing it to the exclusion of all other varieties, owing to its great earliness and wonderful productiveness, **one hundred bushels to the acre** being no uncommon yield.

When we first saw this corn growing in the field, with its **enormous stalks and fodder**, twice the height of an ordinary sized man, and its magnificent ears, averaging about a foot in length, as shown in photograph alongside, we were inclined to doubt its earliness. But after growing it ourselves and on the farms of hundreds of our customers, the past three seasons, we have found it cut and shocked ready for husking in ninety-five to one hundred days from the time the seed was planted. The grain is a light yellow; the cob is small considering the size of the ear. It will produce as much fodder and more corn than the famous Chester County Mammoth and other late varieties, which require three to four weeks longer to ripen. In fact, it is a **perfect field corn in all respects**. Prices of Extra Selected Seed: Pkt., 10c.; ear, 25c.; lb., 30c.; 3 lbs., 75c., postpaid, by mail. By express or freight, shelled, peck, 75c.; bush., \$1.75; sack of 2 bush., \$3.25; 10 bush. and over, \$1.50 per bush., sacks included; on ear, 25 ears, \$1.75; 50 ears, \$3.00; 100 ears, \$5.00.

NEW FIELD CORN—DELAWARE COUNTY DENT

For some years Delaware and Chester, adjoining counties in Pennsylvania, have given the largest yields of corn per acre of any district in the United States. This variety, although quite new, is already very popular there, and is regarded as the most productive of any corn grown in these counties; ears large, grain bright yellow and of great depth, maturing in 110 to 120 days from planting. It is one of the best. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., postpaid; qt., 15c.; peck, 75c.; bush., \$1.75; sack of 2 bush., \$3.25; 10 bush. and over, \$1.50 per bush., sacks included; 50 ears for \$3.00; 100 ears for \$5.00, by freight.

THE TRUE IMPROVED LEAMING CORN

Previous to our introduction of **The 100-Day Bristol** Corn, the True Improved Leaming has been considered the earliest Yellow Dent in cultivation. The ears are **large and handsome**, with **deep grain**, of deep orange color and small red cob. Stalks grow to medium size (not large), with few suckers, producing two good ears to each stalk; husks and shells easily. One hundred and thirty-six bushels shelled corn have been grown to the acre on good corn ground. It is also adapted to a greater variety of soils than other varieties, producing unusually well on light or heavy land, where other varieties would not thrive. Prices, by mail, postpaid: pkt., 10c.; lb., 30c.; 3 lbs., 75c.; by freight or express, bags included, qt., 15c.; peck, 50c.; bush., \$1.40; 10 bush. and over, \$1.25 per bush.; ears, 50 for \$2.50; 100 for \$4.50.

JOHNSON & STOKES' GIANT BEAUTY FIELD CORN

In the new **Giant Beauty** we have a very valuable and long-sought-for variety, viz.: A very large ear and grain, yet a very early Yellow Dent Corn. **Giant Beauty** is a cross between Cloud's Early Dent and Golden Beauty, possessing the **earliness** and **Deep Grain** of the former, with the **handsome deep yellow color** and breadth of grain of the latter. It is absolutely the **largest grained of all yellow corn**. Its rich, deep golden color and fine quality of grain make it very superior for grinding into meal, and indicate its strong nutritive qualities. It is a very vigorous grower, taking strong hold in the ground and averaging eight feet in height, producing two large ears, well filled to the extreme ends of the cob, even on light and poor land. **Giant Beauty** presents the **most perfect type** of Yellow Field Corn ever introduced. Pkt., 10c.; ear, 25c.; lb., 30c.; 3 lbs., 75c., postpaid, by mail; by express or freight, peck, 75c.; bush., \$1.75; sack of 2 bush., \$3.25; 10 bush. and over, \$1.50 per bush., sacks included; on ear, 50 ears for \$3.00; 100 ears for \$5.00.

The 8 well-known varieties of field corn described briefly below have been grown specially for seed, **well cured and true to name**.

PRICES OF SEED OF EACH OF FOLLOWING EIGHT VARIETIES.

Per pkt., 10c.; per lb., 25c.; 3 lbs., for 65c., postpaid, by mail. By express or freight, quart, 15c.; peck, 50c.; per bushel, \$1.50; per sack of two bushels, \$2.75. Ten bushels or more at \$1.35 per bushels. Sacks included; delivered f. o. b. cars at Philadelphia.

WATERLOO EXTRA EARLY DENT. Originated in Nebraska, where it is noted for its great earliness, ripening in ninety days. The ears are small, but it is a great yielder, and will shell sixty pounds of corn from seventy pounds of ears every time.

WHITE CAP YELLOW DENT. Very early and adapted to poor thin soil. The tip ends of the grains are white, the inside yellow, making it of beautiful color, both on cob and when shelled.

GOLDEN BEAUTY CORN. A large and broad-grained yellow corn, maturing in one hundred and ten days from planting. Our strain has been perfected and improved, and is fully equal to any offered.

CHESTER COUNTY MAMMOTH. Grain very large, deep and of a bright yellow color; the stalk is large, averaging from ten to fourteen feet.

EARLY MASTODON CORN. Ear large, grain deep; very early and productive.

EARLY YELLOW CANADA FLINT CORN. Well adapted to the North and for late replanting.

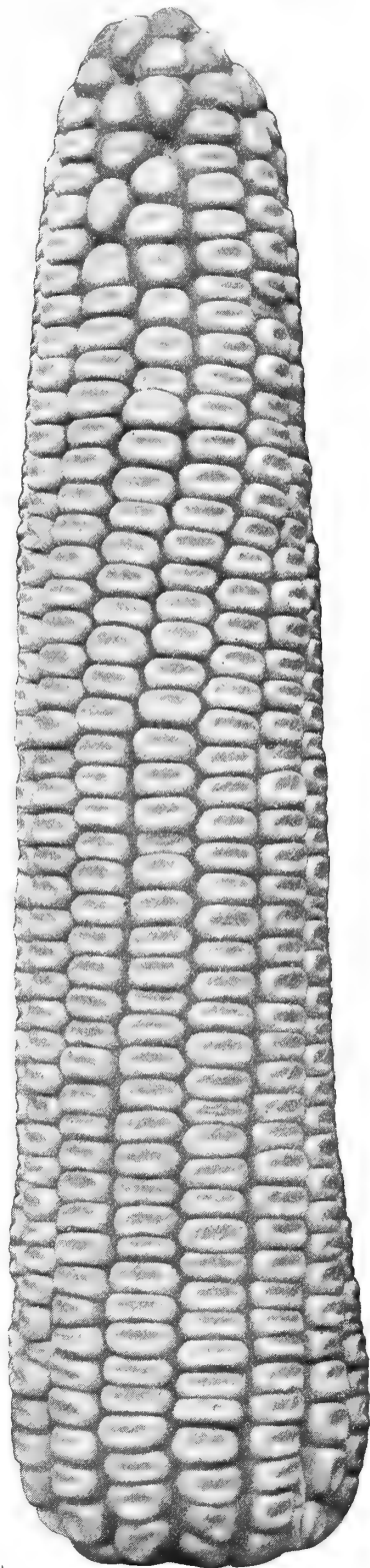
HICKORY KING CORN. The largest grained and smallest cobbled pure white Dent Corn in cultivation.

BLUNT'S PROLIFIC ENSILAGE. Also called **Mammoth Ensilage**. Has produced seventy tons of fodder to the acre, and is one of the very best and most popular for Ensilage.

RED COB ENSILAGE. This new and superior ensilage corn we can recommend as the **heaviest cropping variety**, producing fifty to seventy-five tons per acre. It is a pure White Dent Corn, growing on a red cob. The fodder is sweet, tender, juicy, grows thirteen to fourteen feet in height. Peck, 40c.; bush., \$1.25; sack of 2 bush., \$2.25; 10 bush. and over, \$1.00 per bush., sacks included.

SOUTHERN HORSE TOOTH. Specially adapted for ensilage. Peck, 40c.; bush., \$1.25; sack of two bush., \$2.25; 10 bush. and over, \$1.00 per bush.

SUGAR CORN FOR GREEN FODDER. Profitable as green food for milch cows. Bush., \$1.60; 5 bush. and over, \$1.50 per bush.



PHOTOGRAPH OF AN AVERAGE EAR OF 100-DAY BRISTOL. TWO-THIRDS NATURAL SIZE.

Spring Rye DISTINCT and VALUABLE

Distinct from the winter rye, grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely sown in the Middle States in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as a "catch" crop where winter grain has failed. The straw is equally as valuable as that of the fall or winter rye, standing stiff, 7 to 8 feet high, produces 30 to 40 bushels of grain per acre; as it does not stool like winter rye, not less than 2 bushels to the acre should be sown. Pkt., 10c.; lb., 35c.; 3 lbs., \$1.00, postpaid; peck, 60c.; bush., \$1.50; 2 bush., \$2.75; 5 bush. and over, \$1.35 per bush., bags included.

Spring Wheat

SASKATCHEWAN FIFE. This wheat is pronounced by the great milling kings of the Northwest the best. Chas. A. Pillsbury, of Minneapolis, Minn. (whose mill has a capacity of seventy-five hundred barrels per day), says: "No such milling wheat has been received at our mill since we have been in the milling business." Fifty bushels to the acre is not an uncommon yield. It is ten days earlier than the Common Fife, straw growing about a foot taller, standing stiff and strong. Pkt., 10c.; lb., 35c.; 3 lbs., \$1.00, postpaid. Peck, 75c.; bush., \$2.25; bag of 2 bush., \$4.00.

Seed Buckwheat

NEW JAPANESE. The kernels are nearly twice the size of any other, of a rich dark brown color and manufacture a superior flour. Owing to its branching character, only one-half as much seed is required per acre, while the straw is much stiffer and stands up better. This new buckwheat has rapidly displaced all others, and is now more largely planted than any other, being about two weeks earlier. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; qt., 15c.; peck, 40c.; bush., \$1.00; 5 bush. and over, 90c. per bush., sacks included.

SILVER HULL. Sown at same time as common buckwheat, this variety continues in bloom longer, and yields nearly double. The flour is whiter and more nutritious. Lb., 25c.; 3 lbs., 60c., postpaid; qt., 15c.; peck, 45c.; bushel, \$1.25.

Seed Barley

NEW MANSHURY. An improved variety; the earliest and most productive. Qt., 15c.; peck, 50c.; bush., \$1.25.

SPRING BARLEY. Largely grown in Northern States and Canada. Qt., 15c.; peck, 50c.; bush., 48 lbs., \$1.00.

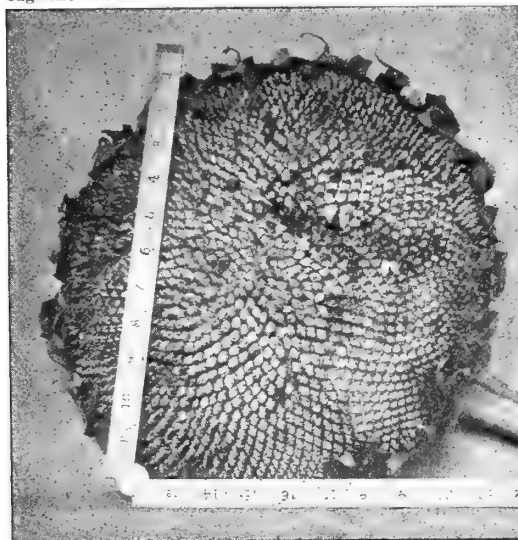
Seed Oats—Northern Grown

WHITE MAINE. Our attention was first called to this new oat by Mr. A. F. Dibble, one of the most successful growers of seed oats in the North. The straw is very short and stiff, standing up on any soil. As to yield, Mr. Dibble says: "On my own farm, a measured field of 13 acres yielded 91½ bushels of cleaned oats per acre. The same season my brother-in-law raised 4 acres on a pet piece of land, that cleaned up 406 bushels, or 101½ bushels per acre for the four acres." One striking peculiarity is, that invariably there are two oats in each hull or chaff. Owing to the very thin hull they are one of the best for horse feed; they weigh from 35 to 38 lbs. to the bushel. Large pkt., 10c.; lb., 30c.; 3 lbs., 65c., by mail, postpaid; peck, 40c.; bush., \$1.00; 10 bush. and over, 90c. per bush., sacks free.

The LINCOLN OATS, introduced in 1893, has given wonderful results. The three largest yields reported, which were grown in competition for the cash prizes offered, were 174, 168 and 123 bushels from a single bushel sown. It is very early and entirely rust-proof. Straw is stiff and strong. The grain is very handsome and valuable for feeding, on account of its thin hull, heavy meat and soft nib. Pkt., 10c.; lb., 30c.; 3 lbs., 65c., postpaid; by freight or express, peck, 40c.; legal bush. of 32 lbs., \$1.00; 10 bush. and over, 90c. per bush., bags included.

Other Good Varieties of Seed Oats

SWEDISH, DANISH, MORTGAGE LIFTER, BAL-TIC, WELCOME, CLYDESDALE, White Belgian, White Russian, Virginia Winter Turf, and other well-known and popular varieties of seed oats at bottom prices. Each, 30c. lb., or 3 lbs., 65c., postpaid; by freight or express, per legal bush., 32 lbs., 90c.; 10 bush. and over, 85c. per bush., bags included.



A SEED HEAD OF MAMMOTH RUSSIAN SUNFLOWER, DIAMETER ONE FOOT.



SPRING RYE, SHOWING HEIGHT AND PRODUCTIVENESS OF STRAW.

Canada Field Peas and Oats for Fodder

These make a fodder and hay which in every case doubles the production of milk. The Canada Field Pea, which we sell at \$1.25 per bushel, is the best for this purpose. They should be sown early in April, two bushels of peas and two bushels of oats to the acre. The peas should be sown first and plowed under about four inches deep; the oats then sowed and harrowed in. They will be ready for cutting about July 1, when the oats are in milk and the pods formed on the peas.

Weber's Improved Evergreen

THE BEST BROOM CORN IN CULTIVATION

This is the best and purest in cultivation, originated and selected by Mr. Geo. Weber, one of the largest growers of Montgomery County, Pa., who has for many years had the reputation of having the best in the State, having made his stock famous by selection and improvement for length, strength and straightness of brush. It is of a very bright green color without the slightest reddish tinge. It makes by far the best brooms of any corn grown; height seven to eight feet. Lb., 35c.; 3 lbs., 75c., postpaid; qt., 25c.; peck, 90c.; bush., \$2.50; 2 bush., \$4.50.

Mammoth Russian Sunflower

THE GIANT OF ALL SUNFLOWERS. The best variety for the farmer. Growing to double the size of the common, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at a less expense than corn. It is highly recommended for poultry; the best egg-producing food known. The leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The strong, thick stalks are used for fuel. Oz., 5c.; qt., 15c.; (qt., postpaid, 25c.;) peck, 70c.; bush., \$2.00; sack, 2 bush., \$3.50.

Dwarf Essex Rape

TRUE BIENNIAL VARIETY

Dwarf Essex Rape is considered indispensable by the sheep and cattle farmers of Great Britain, and is fast coming into use in this country on account of its rapid growth, being ready to feed in ten weeks from sowing, and producing twenty-five to thirty tons of green forage to the acre. It grows to a height of three feet, and covers the surface so densely as to smother out all weeds and to kill quack and other objectionable grasses. It can be sown all through the season, being perfectly hardy, withstands drought, and will produce a crop in any soil by sowing broadcast at the rate of five pounds to the acre, or in drills or rows two feet apart at the rate of three pounds per acre. While unequalled as a pasture for sheep, as a fattening food for all kinds of live stock it is without a rival in point of cheapness or effectiveness. Pkt., 10c.; lb., 30c.; 3 lbs., 75c.; postpaid; lb., 20c.; 10 lbs., \$1.50; 25 lbs. and over, 10c. per lb., by express or freight.

Early Amber Sugar Cane

The high value of Northern grown sugar cane for fodder and ensilage is becoming rapidly known. It may be made to furnish the principal food for cattle, horses and mules from August until the following spring. When fed down young as a pasture it grows rapidly again. It also withstands severe drought with the best of this class of plants. As a fodder and for winter feed it is one of the most economical.

The Early Amber is also the best variety for sugar, as it matures quickly, and has been cultivated as far north as St. Paul, Minn. The seed is valuable also as food for horses and cattle, and is greedily eaten by poultry, increasing the egg production. By mail, postpaid, lb., 25c.; 3 lbs., 60c.; by express or freight, qt., 20c.; peck, 75c.; bush. of 56 lbs., \$2.25; 10 bush. or over, \$2.00 per bush.

Sand, or Winter Vetch (*Vicia villosa*)

Vicia villosa succeeds and produces good crops on poor sandy soils as well as on good land; grows to a height of four to five feet. It is perfectly hardy throughout the United States, remaining green all winter, and should be sown in the spring, mixed with oats, spring rye or barley; or during August and September, with winter rye, which serves as a support for the plants. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. Every dairyman and stock-breeder in the United States should have a field of it, and if you try it once you will never be a season without it. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock.

Sow one bushel per acre with one-half bushel of rye, oats or barley. Lb., 25c.; 3 lbs., 60c., postpaid; lb., 15c.; 10 lbs., \$1.00; bush. (60 lbs.), \$1.00, by freight or express.

Soja Bean—(German Coffee Berry)

In the past few years the Soja Bean, which we have catalogued for at least twelve years as valuable for forage, has been advertised in a sensational way by certain seedsmen as **German Coffee Berry**.

The dry beans, roasted and ground, *closely resemble and taste very much like coffee*. Its great value, however, is as a forage crop and for fertilizing the soil and for pasturing, or feeding the green fodder, of which it yields eight to ten tons per acre. Sow broadcast one-half bushel to the acre, or it may be planted in drills three feet apart and one foot between plants. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; qt., 20c.; peck, 75c.; bush., \$2.50, by freight or express.

Cow Peas—(The Great Soil Improver)

Make Poor Land Rich. Make Good Land More Productive. Enriching the Soil Even When the Crop is Cut Off.

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea is superior, especially for medium or light soil. They should be sown in the month of May, at the rate of 1½ bushels to the acre, and plowed under as soon as they have attained their full growth. While this crop is very largely grown wherever known, with the results attained from it the wonder is that it is not grown ten times as much as at present. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. Nitrogen or ammonia in commercial fertilizers is valued at fifteen cents per pound. The Cow Pea, to a greater extent than any other leguminous crop, with possibly the exception of the **New Velvet Bean**, has the power to extract this costly nitrogen or ammonia from the atmosphere. The best varieties are the **Southern Black Eye** and **Black Cow Pea**, either of which we can furnish at \$1.50 per bushel, F. O. B. here, sacks included. Write for special prices on large lots.



Pods of Velvet Bean showing its wonderful productiveness.

Velvet Bean—(The Great Nitrogen Gatherer)

A worthy rival of the Cow Pea

This new and important forage plant is creating a great sensation throughout the Southern States, where it is supplanting the Cow Pea for cattle food and as a soil renovator. Its nitrogen-gathering properties surpass those of the cow pea. It is the rankest grower of any of the legumes; two or three seeds planted four feet apart in rows five feet apart will literally cover the ground two to three feet thick with a mass of foliage and vines 20 to 25 feet long, no matter how poor the soil. It leaves a mulch on the ground that is very beneficial to the soil. As to prolificacy, we never have seen the like; such huge clusters of beans, from 15 to 25 pods, and often more, in a single cluster, giving over 1000 beans on a vine. The Florida Experimental Station reports 16,680 pounds of green forage per acre.

Dr. Stubbs, Director of the State Experiment Station, says: "I believe that it can be cut advantageously almost any time from June to October, and cured in less time than cow-pea hay, because the stems are smaller. It seems to make an excellent hay, and stock eat it well. It is a heavy nitrogen gatherer, and the tubercles on its roots are the largest of any plant I have observed; coral-like clusters of tubercles have been collected, that make a mass, from one single growth, almost as large as a common hen's egg. The vines of this plant are now about 30 feet in length, from seeds planted in May." The cultivation is the same as for Cow Peas, and it behooves every farmer interested in this class of plants to give the **Velvet Bean** a trial. Prices, pkt., 10c.; lb., 25c., by mail, postpaid; lb., 15c.; 10 lbs., \$1.00; bush., \$4.50, by freight or express.



EAST INDIAN OR PEARL MILLET. Photographed in August, 1898, at Floracraft Trial Grounds. This enormous growth of the most superior fodder from seed sown in May.

East Indian or Pearl Millet

For several years we have been experimenting with all the known forage plants and have found nothing equal to Pearl Millet either in growth or quality. It has produced the most abundantly and can be cut several times during the season. The United States Agricultural Department has also made numerous experiments and with about the same results as those at Floracraft. If you grow green forage try East Indian or Pearl Millet on our recommendation and you will find there is nothing equal to it. Drill in 2 feet rows, 10 lbs. to the acre. Price, choice American grown seed. Per pkt., 10c.; lb., 30c. By mail, postpaid, lb., 20c.; 10 lbs. (enough for 1 acre), \$1.50; bushel, \$5.00, by freight or express.

Teosinte (Reana Luxurians)

This gigantic Grammaea will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer. It also makes splendid dry fodder, yielding enormously, and being more nutritious and better relished by all kinds of stock than corn fodder. In appearance it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stalks contain sweeter sap. In its perfection it produces a great number of shoots, growing ten to twelve feet high, very thickly covered with leaves, yielding an abundance of forage. It stools out enormously after being cut, as many as forty-five stalks having been grown from a single seed. Sown in May or June, at the rate of three pounds per acre, in drills three and a half to four feet apart. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.35, postpaid.

LATHYRUS SYLVESTRIS, or FLAT PEA. If the strong claims made for this forage plant are but half true, it is certainly one of the best yet discovered. The roots penetrate the soil twenty to thirty feet, enabling it to withstand cold or drought, and will last fifty years without manure or reseeded. It will fatten hogs or sheep without grain, and will cut six to eight tons of hay to the acre. Sown in drills twelve to fifteen inches apart. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.60, postpaid.

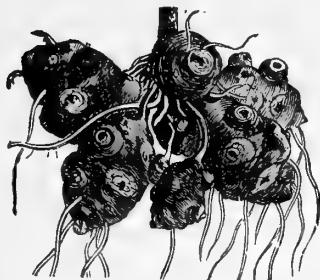
KAFFIR CORN

It will make a fine crop of forage if cut in early bloom, and the shoots that then follow will mature a full crop of seed and forage. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. There is no failure about it, as it possesses the quality that all the tribe possess, of waiting for rain without any loss of capacity to yield. The grain makes a flour that is like wheat. Cultivated the same as our common Indian Corn, requiring four to five pounds of seed per acre. By mail, postage paid, pkt., 10c.; lb., 25c.; 3 lbs., 60c.; by freight or express, qt., 15c.; peck, 60c.; bush., 60 lbs., \$2.00.

JERTSALEM CORN. Belongs to the non-saccharine sorghums, and was brought a few years since from the arid plains of Palestine. It is pronounced by all who have grown it the best and surest crop for dry countries and seasons. Grows about three feet high. The grains are pure white and nearly flat. Three pounds will plant an acre. The cultivation is the same as for Kaffir Corn and other forage plants. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; qt., 15c.; peck, 75c.; bush. (60 lbs.), \$2.50, by freight.

WHITE MILLO MAIZE, or DHOURA, and YELLOW MILLO MAIZE. Popular varieties of sorghum, valuable for both forage and grain. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; qt., 15c.; peck, 75c.; bush., \$2.50, by freight.

Jerusalem Artichoke Roots



This variety is not produced from seed. They are sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock. They are the best hog food known. They are remarkable for their fattening properties, great productiveness (over one thousand bushels having been grown on one acre) and ease with which they can be grown. They need

not be dug; the hogs should be turned in on them, and will help themselves by rooting. One acre will keep from twenty to thirty hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. They are also said to be a preventive of cholera and other hog diseases, and they are also highly recommended for milch cows, increasing the yield of milk and at the same time improving their condition. Three bushels will seed an acre. They should be cut the same as potatoes, one eye to a cut being sufficient, planted in April or May, in rows three feet apart and two feet in the rows, and covered about two inches deep. They can be shipped at any time during the season, as they are not injured by freezing. Lb., 35c.; 3 lbs., \$1.00, postpaid. By freight or express, peck, \$1.00; bush., \$3.00; bbl. of 3 bush. (enough for one acre), \$7.50.

Chufas, or Earth Almond

Cyperus esculentus. A species of "grass nut" used to fatten hogs. They should not be confounded with the cocoa, or nut grass, for though it belongs to the same class, the Chufa is eradicated with great ease, and is never a pest. The nuts grow under ground, very near the surface, easily reached by pigs or poultry. Easily and cheaply grown and very abundant in yield, eaten greedily by hogs, which take on fat very rapidly from them. Plant in April, ten to twelve inches apart in three-foot rows. Cover lightly. If the seed is very dry, soak well before planting, to secure a good stand. They mature early in September, and lie in the ground till wanted. One peck of seed to the acre. Pkt., 10c.; pint, 25c.; qt., 40c.; postpaid. By express, qt., 25c.; peck, \$1.00; bush., \$3.50.

Australian Salt Bush

THE FORAGE PLANT FOR ALKALI SOILS.—Yields 20 tons to the acre on any soil without water. Introduced into the United States by the University of California. Experiments and actual tests have shown that Salt Bush is a hardy, dry air plant, capable of thrifty and substantial growth in any soil. Its nutritious strength is equal to Alfalfa or Lucerne. Hogs, sheep and cattle are extremely fond of it, and chickens will leave almost any other food for it. It will stand cold to a temperature of 19 degrees, and heat to 150 degrees. Experiments in California, Colorado, Arizona, New Mexico, Montana, Idaho, Utah, South Carolina and Florida have been uniformly successful.

One plant will cover 500 square feet in one season, covering the ground with a matting of from six to eight inches thick. It remains green all winter, and will yield 20 to 30 tons to the acre. It produces wool and mutton of superior quality. Horses fed on it seem to be possessed of inexhaustible endurance. One pound of seed will plant an acre. Sow broadcast, in soil well pulverized, after all danger of frost is past. Mix the seed with ten times its weight of loam, sand, ashes or plaster; cover lightly with a brush harrow or roll lightly. The seed germinates quickly, and the plants soon take possession of the ground. Or it may be sown in a hot-bed, cold frame or boxes; transplant when two inches high.

Prices: Seed of the **TRUE AUSTRALIAN SALT BUSH** (*Atriplex semibaccatum*), grown for us in California, per pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50, postpaid.

Wild Rice (*Zizania Aquatica*)

A native plant, furnishing food for wild fowl, ducks, geese, etc. Seed can be sown on the borders of lakes, ponds, small streams, and grows very rapidly in one to four feet of water, attracting all of these wild birds from September on. It also purifies the water and affords a refuge for the small fry from the large fish. Lb., 35c., postpaid; 5 lbs., \$1.60; 10 lbs. and over, 18c. per lb.

SPRING VETCHES, or TARES. A species of pea, grown extensively in England and Canada for stock, also valuable for pigeon feed. Culture same as field peas. Lb., 25c., postpaid; qt., 25c.; peck, 90c.; bush., \$3.00.

OSAGE ORANGE. The popular hedge plant. Lb., 40c. (postpaid, 50c.); peck, \$2.00; bush. of 33 lbs., \$7.00.

FLAX SEED. Qt., 15c.; bush., 56 lbs., about \$1.60.

HIGH-GRADE

EXTRA CLEAN

Grass Seeds

Our grass and clover seeds are extra cleaned and of the highest quality. We take great care to have them absolutely free from all noxious weed seeds.

Write for prices on Grass and Clover Seeds, stating kinds and quantities wanted. Prices vary with the market, and we can frequently supply lower than Catalogue rates.

POSTAGE ON GRASS SEEDS

Remit, in addition to price, 10c. per lb. and 15c. per qt., except on light varieties, which do not weigh over 14 lbs. per bush., on which remit 5c. per qt., to prepay postage, when ordered to be sent by mail.

CRIMSON, or SCARLET CLOVER. A more valuable crop than this annual clover does not exist. As an improver of the soil, or for an early summer forage or hay crop, it is unsurpassed. As a green manuring crop for grain, fruit or trucking crops it gives the very best results, while for improving poor land it has no equal. It succeeds on every kind of soil, standing Southern suns and Northern winters, and is now grown largely in Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and has succeeded in every State where tried. Sow ten to fifteen pounds to the acre. Lb., 15c.; 10 lbs., \$1.00; 25 lbs., 7c. per lb.; bush. of 60 lbs., \$3.50.

Circular describing habits, growth and uses of CRIMSON CLOVER mailed free on application.

ALSIKE, SWEDISH, or HYBRID CLOVER. The hardest of all; sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. Its superior pasturage is much liked by cattle. Blossom heads round, flesh-colored, sweet and fragrant, much liked by bees. Sow six pounds per acre in spring or fall. Lb., 20c.; 10 lbs., \$1.75; 25 lbs., \$3.50; bush., 60 lbs., \$6.75.

LUCERNE, or ALFALFA CLOVER. A perennial forage plant, and when once properly seeded in suitable soil will produce fine crops for several years. It has a remarkably strong growth, roots penetrating the ground to a great depth—ten to twenty feet—until they are altogether out of reach of drought. Sow twelve pounds to the acre. Lb., 20c.; 10 lbs., \$1.50; 25 lbs. and over, 12c. per lb.; bush. (60 lbs.), \$6.25.

BOKHARA CLOVER (Honey Plant). Excellent for bee food, growing well on poor soil. Lb., 30c.; 10 lbs., \$2.50.

WHITE DUTCH CLOVER. The best to sow with lawn grass and valuable in permanent pastures. Oz., 5c.; lb., 30c.; 25 lbs. and over, 25c. per lb.; bush. (60 lbs.), \$12.00.

Clover Common Red. Lowest market prices.

MAMMOTH PEA VINE, or SAPLING CLOVER. Market variable. Write us for lowest market prices.

SAINFOIN, or ESPARSETTE. (Holy Hay.) A land-enriching, luxuriant, heat-resisting Perennial Clover. Lb., 15c. (lb., postpaid, 25c.); 10 lbs., \$1.00; bush. of 25 lbs., \$2.00.



HEADS OF SOUTHERN-GROWN GERMAN MILLET.

GERMAN, or GOLDEN MILLET. (Southern-grown seed.) Southern grown German Millet Seed is far superior, both in quality and yield of product, to Western or Northern-grown seed. When properly grown and handled, makes an enormous yield of most nutritious feed, succeeding in almost any soil or climate, and without impoverishing the soil to any great extent. Sow in May or June, one bushel to the acre. Qt., 10c.; bush., 50 lbs., about \$1.40.

HUNGARIAN. (*Panicum Germanicum*.) A species of annual millet, growing less rank, with smaller stalks, yielding two or three tons of hay per acre. Sow 1½ bushels to the acre in May or June. Qt., 10c.; bush., 48 lbs., about \$1.25.

JAPANESE BARNYARD MILLET. Grows 6 to 8 feet, yielding 12 to 20 tons per acre. Sow 10 lbs. to acre. Lb., 20c.; 10 lbs., \$1.50.



SHADY PLACE ON LAWN AT FLORACROFT, SOWN WITH JOHNSON & STOKES' EVERGREEN VELVET LAWN MIXTURE.

*Thank God for Grass! No other glory vies
With the refreshing glory of the grass;
Not e'en the blue of the o'erbending skies,
Nor fading splendors when the daylight dies,
Can this sweet smile of living green surpass.*

GRASS IS KING, and the Cow Queen.

CANADIAN BLUE GRASS. (*Poa Compressa*.) The hardest grass in cultivation; should not be confounded with the Kentucky Blue Grass. Canadian Blue Grass shoots its leaves very early. All grazing animals eat it greedily; cows fed on it produce a very rich milk. It is especially relished by sheep. Its bluish green stems retain their color after the seed is ripe. It shrinks less in drying than most other grasses. It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils. Qt., 15c.; bush., 14 lbs., \$1.50; 5 bush. and over, \$1.40 per bush.

KENTUCKY BLUE GRASS. (Fancy, triple cleaned.) Valuable for pasture when mixed with other varieties. Qt., 15c.; bush., 14 lbs., \$1.50; 5 bush. and over, \$1.40 per bush.

ORCHARD GRASS. One of the most desirable pasture grasses. Qt., 15c.; bush., 12 lbs., about \$1.50.

TIMOTHY. Qt., 20c.; bush., 45 lbs., about \$2.00.

HERD, or RED TOP GRASS. A valuable native permanent grass, as a mixture in meadows or pastures. Qt., 15c.; bush., 10 lbs., \$1.10; in sacks of 50 lbs., about \$3.50.

JOHNSON GRASS (SORGHUM HALAPENSE). Qt., 20c.; bush., 25 lbs., \$2.75.

NATURAL GREEN GRASS. Qt., 20c.; bush., \$3.00.

MEADOW FESCUE, or ENGLISH BLUE. Qt., 20c.; bush., \$1.50. Sow 2 bush. to the acre.

TALL MEADOW OAT GRASS. A valuable grass for permanent pasture, on account of its early luxuriant growth. Makes splendid hay. Qt., 20c.; bush., 13 lbs., \$2.40.

ENGLISH RYE GRASS. A nutritious, permanent grass, for meadows and pastures. Qt., 20c.; bush., 24 lbs., \$1.50.

ITALIAN RYE GRASS. Qt., 20c.; bush., 20 lbs., \$1.75.

WOOD MEADOW GRASS. Adapted for pleasure grounds under trees; fine for pastures under close feeding. Sow 28 pounds to acre. Lb., 40c., postpaid; bush., 14 lbs., \$3.50.

SWEET VERNAL GRASS. True Perennial. Lb., 45c., postpaid; bush., 10 lbs., \$3.50.

MEADOW FOXTAIL, ROUGH STALKED MEADOW, CRESTED DOGTAIL, FINE-LEAVED FESCUE, WATER MEADOW, WATER FESCUE, each, per lb., 45c., postpaid; 10 lbs. and over, 35c. per lb., by express.

AWNLESS, or HUNGARIAN BROME GRASS, (Bromus inermis), RHODE ISLAND BENT, TUFTED HAIR, CREEPING BENT, WOOD HAIR, HARD FESCUE, SHEEP FESCUE, each, per lb., 35c., postpaid; 10 lbs. and over, 25c. per lb., by express.

GRASSES FOR THE NORTH AND SOUTH

This little work contains a complete list, with descriptions and illustrations, of all the desirable grasses now grown in the United States. Will be mailed free to all who write for it.

Johnson & Stokes' Evergreen Velvet Lawn Mixture

The best Lawn Grass Seed for the American climate. With it you can renovate old and make new lawns, grass plots, tennis courts, etc., as soft as velvet and as green as emerald all summer long, in either exposed or shaded places, where other mixtures will not thrive.

We have made the formation of permanent lawns a study for years, with the result that in our Evergreen Seed we have a mixture of various grasses that grow and flourish during different months of the year, and that will insure a beautiful dwarf, green, compact sward, and remain green and fresh during our hot, dry summer months, even when sown on Lawn Tennis, Croquet and Ball Grounds in constant use, and on partially shaded lawns. It has become widely known and is exclusively used on the finest public and private grounds around Philadelphia, New York and other cities. Qt., 25c.; 2 qts., 40c.; (qt., postpaid, 30c.) peck, \$1.00; bush., 20 lbs., \$4.00.

Fairmount Park Lawn Grass Seed

This is composed of fine grasses, but less expensive than those used in our Evergreen Velvet Mixture, and will give excellent results; especially adapted for embankments and terraces, as well as for exposed lawns and for light seashore sandy soils. It is the best cheap lawn mixture on the market. Qt., 20c.; 2 qts., 35c.; (qt., postpaid, 25c.) peck, 75c.; bush., 14 lbs., \$2.50.

A quart of Lawn Grass Seed will sow about 300 square feet. Three to four bushels are required to sow an acre. Instructions how to prepare and sow a lawn accompany each package.

Special Mixtures for Permanent Pastures and Mowing Lands

Price, \$2.50 per bushel; 10 bushels and over, \$2.25. Sow 2 to 2½ bushels to the acre.

In the preparation of these mixtures for permanent pasture and mowing, the greatest care is exercised in selecting such varieties as are suited to the soil to be laid down and are likely to realize the object in view. To facilitate this, a description of the soil, whether light, medium or heavy, also climate, and purpose for which sown, and if with or without a crop, should accompany each order.

JOHNSON & STOKES' No. 1 MIXTURE FOR PERMANENT PASTURE. Contains, blended in proper proportions for the purpose, the following grasses: Orchard Grass, Sheep's Fescue, Meadow Fescue, Hard Fescue, Canadian Blue, Sweet Vernal, Meadow Foxtail, Tall Meadow Oat, Red Top, Kentucky Blue, Italian Rye Grass, Perennial Rye Grass, Rhode Island Bent, Timothy, Wood Meadow, Rough-Stalked Meadow, Alsike Clover, White Clover, Mammoth Clover. Bush., \$2.50; 10 bush., \$22.50, sacks included.

JOHNSON & STOKES' No. 2 MIXTURE FOR PERMANENT MOWING. Contains, properly blended, Red Top, Perennial Rye Grass, Orchard Grass, Timothy, Red Clover, Mammoth Clover, White Clover, Fine-Leaved Fescue, Rhode Island Bent, Rough-Stalked Meadow, Meadow Fescue, Meadow Foxtail. Bush., \$2.50; 10 bush., \$22.50.

Flower Seed Novelties

It is our practice each season to test on our "Floracraft" Trial Grounds all Floral Novelties, and in this way we become, by personal positive knowledge, acquainted with all the best that is offered both in this country and abroad. Of many of the finer sorts we grow our full stock of seed on our own ground, thus being enabled to know that the type is kept pure and true.



AGERATUM BLUE PERFECTION.

Ageratum "Blue Perfection"

This sterling novelty is the darkest colored of all the large flowering Ageratums. Dwarf, compact growth, making it a valuable plant for beds or borders. Its color is a deep amethyst blue, and has nothing of the faded-out appearance of the old-style Ageratum. Price, per pkt., 10c.; oz., \$1.00.

Balsam—Improved Camelia Pure White (Alba Perfecta)

A really **Pure White, Very Double** Balsam has long been a desideratum both for the private planter and the practical florist. Our stock of this **grand** acquisition was grown on our own grounds, at Floracraft, from seed stock direct from the originator, and we know it is absolute perfection in snow-white color, size of bloom, doubleness and symmetry of plant. Price per packet, 10c.



ST. BRIGID, OR POPPY ANEMONES.

St. Brigid or Poppy Anemones

Nothing could be more glorious than a bed of these new Irish Poppies when in flower. The flowers produced by this new strain show all the colors of the rainbow and many more; for even black and white are found among them, as well as shades of pink, rose, crimson, fiery scarlet, carmine, maroon, tints of lilac, lavender, blue, purple, even **green**. Many flowers are curiously mottled, striped, edged, ringed and shaded with the various tints described above, the effect produced being almost bewildering. They are also frequently of very large size, even 5 to 6 inches across; some single, but most double, with plain, scalloped or fringed edges, and being perfectly hardy, they will bloom the next season in greater profusion than ever. Price, seed, per pkt., 15c.; roots, 10c. each; 3 for 25c.; 80c. per dozen; \$6.00 per 100.



NEW PETUNIA, SNOWBALL.

New Petunia, "Snowball"

No. 2354.

A new very dwarf Petunia. Its well-shaped, beautiful satiny white flowers cover the whole plant with one mass of bloom. Admirably adapted for bedding or pot culture. Price, per pkt., 10c.

New "Obelisk" Forget-Me-Not

Myosotis Alpestris Stricta

No. 2108.

This new Forget-Me-Not has a very striking and peculiar but charming structure. All the branches of the plant have a strong upright or perpendicular growth, without bending to the side, making by this compact growth a regular "obelisk" or pillar. This habit makes them particularly useful as pot plants or as edging for flower beds. In three separate colors, blue, pink and white.

	PRICE.
Coelestina, blue, pkt.	\$0 20
Rosea, pink, pkt.	20
Alba, white,	20
1 pkt. each for 50c.	

Rudbeckia Bicolor Superba

No. 2450.

This new annual variety represents a very welcome addition to the collection of these popular annual and perennial plants so extensively used for cut flowers at present. Growing about 2 feet in height, it forms a many-branched dense bush and produces its long-stemmed flowers in the greatest abundance. The disk is brown, the ray florets are yellow, with large velvety-brown spots at the base, a coloring which may be compared to that of *Obeliscaria Pulcherima*, or that of the Dwarf French Marigold, "Legion of Honor." Very effective annual and very useful for cutting. Pkt., 15c.; 2 pkts., 25c.

DWARF
AUGUST
FLOWERING

Cosmos "Dawn"

Commences Bloom-
ing in July and con-
tinues till frost.

No. 934.

The Cosmos is now one of our most popular flowers, but frequently, on account of its coming into bloom so late, the plants are destroyed by frost without having perfected a solitary flower. This new variety comes into full flower in July, and continues a mass of bloom until cut down by severe frost. This feature alone is sufficient to stamp it as a novelty of the first class, and will make their successful cultivation possible in the most Northern States and Canada; but added to this, it is of dwarf, compact growth, growing only 4½ feet high, while the old variety growing alongside towers up nearly 7 feet, a victim to the first strong wind. The flowers are fully as large as in the best selections of the old type, the color is a beautiful white, relieved by a delicate tint of rose at the base of the petals, altogether the finest novelty introduced in many years. Price, 10c. per pkt.; 3 pkts., 25c.



RUDBECKIA BICOLOR SUPERBA.

Heliopsis Pitcheriana

No. 1516. This new hardy perennial is a perfect beauty, as the photograph alongside shows. It is a perpetual bloomer, with flowers about 2 inches in diameter, of a beautiful deep golden color, with deeper golden centre. They are of thick texture, with long stems, and keep fresh for a long time after cutting, and for this reason are far superior to *Coreopsis Lanceolata*, or to any of the Rudbeckias. The plants grow 2 to 3 feet in height, with a spread of 3 to 4 feet. No collection of hardy plants should be without this bright, free-blooming perennial. Price, 10c. per pkt.

New Dwarf Marigold

"GOLD RING"

No. 1939. This charming variety is a fine match to the old "Legion of Honor" in growth, height and free flowering. In color it is a dark, velvety brown, each petal gracefully surrounded with a distinct gold ring. The compact, bushy plant blooms with a richness and constancy that is surprising. Pkt., 10c.; 2 pkts., 25c.

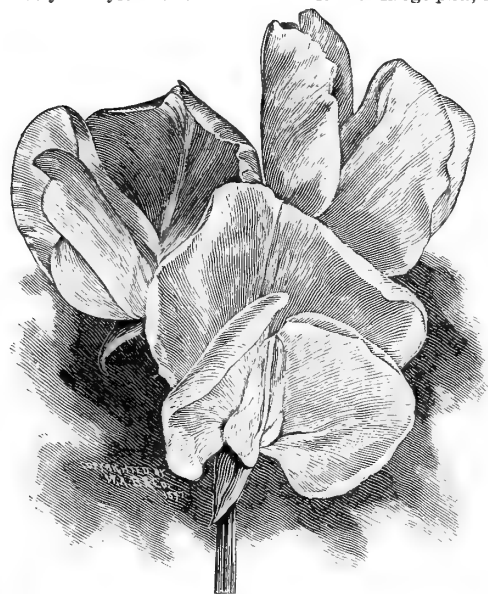


HELIOPSIS PITCHERIANA. Pkt., 10c.



OUR WILD FLOWER GARDEN AT "FLORACROFT"

No. 2960. Our Wild Flower Mixture consists of many varieties of beautiful easy-growing flowers, producing a constant and varied bloom the whole season, for sowing in shrubbery, under trees, and in beds on which no care will be bestowed, or even for sowing in exposed situations, where wildness is preferred to order and precision. The mixture comprises mignonette, candytuft, larkspurs, marigolds, poppies, fox-gloves, and many other garden favorites, which will flower successively and yield an abundance of bloom. Large pkt., 10c.; $\frac{1}{2}$ oz., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



BEAUTY CUPID.

THE NEW CUPID SWEET PEAS

The Dwarf "Cupid" Sweet Peas have established a permanent place for themselves, and we are able to offer several new varieties as follows:

No. 2691. "**Beauty**" Cupid. Fine large flower. The standard a delicate rose color, lightening to nearly white at the edges and slightly striped with carmine at the base. The wings are suffused rosy carmine. Pkt., 15c.

No. 2692. **Alice Eckford Cupid**. Blooms medium size, standard rich creamy white, suffused with soft pink, and wings silvery white with a faint pink flush in the centre. Pkt., 15c.

Newest Sweet Peas

ECKFORD'S NEW SET

No. 2686. **Countess of Powis**. For exquisite beauty and delicate finish this lovely variety is unequalled, the color being a glowing orange suffused with light purple, with a beautiful satin polish; novel in the extreme.

No. 2687. **Lady Nina Balfour**. Is one of the most exquisite of recent introductions. In color it is the most delicate mauve imaginable, beautifully shaded with a charming dove-gray, which gives a most captivating charm to the whole flower.

No. 2688. **Salopian**. Is a superbly beautiful variety. Color, deep crimson tinged with mulberry-red, suffused with rich orange-scarlet; flowers large, finely formed and handsome; without doubt one of the very finest and most desirable of late introductions.

No. 2689. **Shahzada**. A decided advance in the direction of dark-colored Sweet Peas. As regards size, form and floriferousness, it is quite up to the highest standard. The color, rich dark maroon with a shade of purple, is most distinct and attractive.

Price of each of above Eckford Novelties, per pkt., 10c.; 1 pkt. each of 4 kinds, 25c.

NEW "EARLIEST OF ALL" SWEET PEA

No. 2690. This new strain is identical with "Extra Early Blanche Ferry," except that it is more dwarf in growth and comes into bloom at least 10 **DAYS EARLIER**. Where earliness is an object or where they are wanted for forcing this variety is unexcelled. Price, per pkt., 10c.; oz., 40c.

No. 2693. **Primrose Cupid**. Very much like the original White Cupid, except that the color is a rich creamy tint, identical with that of the **Tall Primrose**. Price of each of the above in original sealed packets of 12 seeds each, 15c. each, or 2 for 25c.

No. 2694. **Pink Cupid**. This last year's novelty is still good. Same as **Blanche Ferry** in markings, but of the Dwarf Cupid growth. Price, per pkt., 10c.; 3 for 25c.

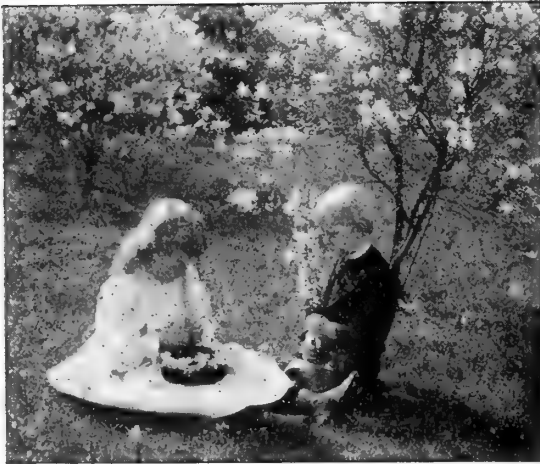
No. 2684. **White Cupid**. The original dwarf, from which all the others have been obtained by hybridizing. Price, per pkt., 8c.

One pkt. each of the 5 Cupids described above for 50c.

General List of Flower Seeds

NUMBERS—To save you the trouble of writing out the names, each variety is numbered; therefore please order by number.

DISCOUNT—50 cents' worth of seeds, extra, will be allowed on each \$1.00 sent for seeds in Packets. Thus anyone sending \$1.00 can select seeds in Packets to the value of \$1.50.

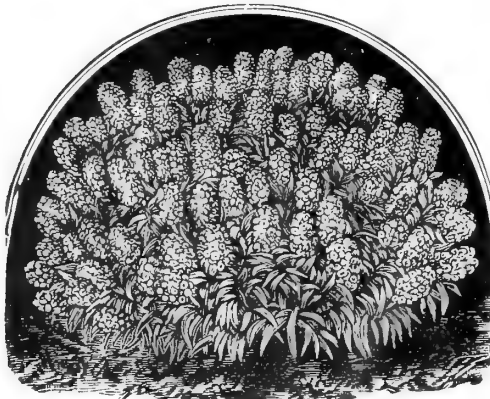


SPRING IS HERE.

40. **ABRONIA UMBELLATA**. Charming annual trailer for vases, rock work, etc. Pkt., 5c.
 45. **ABUTILON**. Mixed; tender perennial. Pkt., 15c.
 50. **ACROCLINUM**. Mixed; annual. Pkt., 5c.
 60. **ADLUMIA CIRRHOSA**. Allegheny vine. Pkt., 10c.

AGERATUM

100. **Mexicanum**. Lilac blue. Pkt., 5c.
 101. **Lasseauxii**. Beautiful rose color. Pkt., 5c.
 102. **Choice Mixed**. Per oz., 25c.; pkt., 5c.
 104. **White Gem**. Very dwarf, free flowering. Pkt., 5c.
 105. **Little Dorrit**. Azure blue. Pkt., 5c.
 106. **Swanley Blue**. Large flowers; fine. Pkt., 5c.



SWEET ALYSSUM "LITTLE GEM." Pkt., 5c.

ALYSSUM

140. **Sweet Alyssum**. Oz., 20c.; pkt., 5c.
 141. **Tom Thumb**. Dwarf. Oz., 25c.; pkt., 5c.
 142. **Little Gem**. Distinct, very dwarf. Oz., 40c.; pkt., 5c.
 143. **Saxatile Compactum**. Perennial; yellow. Pkt., 5c.
 144. **Carpet of Snow**. Pure white, only two to three inches high, a profuse bloomer, showing as many as 300 heads of snow-white flowers at one time on one plant; annual. Pkt., 10c.

AMARANTHUS

160. **Caudatus** (*Love-lies-bleeding*). Pkt., 5c.
 161. **Tricolor** (*Joseph's Coat*). Pkt., 5c.
 162. **Cruentus** (*Prince's Feather*). Pkt., 5c.
 163. **Salicifolius** (*Fountain Plant*). Pkt., 5c.
 164. **Hendéri**. Bronze and olive-green. Pkt., 5c.
 165. **Marguerite**. Beautiful purple flowers. Pkt., 5c.
 166. **Firebrand**. Blood red, bordered yellow. Pkt., 5c.

AMPELOPSIS VEITCHII

180. **Boston Ivy** (*see cut*). Oz., 25c.; pkt., 10c.

ANTIRRHINUM (*Snapdragon*)

220. **Nanum**. Dwarf, mixed. Pkt., 5c.
 221. **Majus**. Tall, mixed. Pkt., 5c.
 222. **Niobe**. A beautiful new variety. Tips of the flowers are a velvety crimson maroon, while the tubes are pure white. Pkt., 10c.
 223. **Queen of the North**. Large pure white; fine for beds or borders. Pkt., 10c.

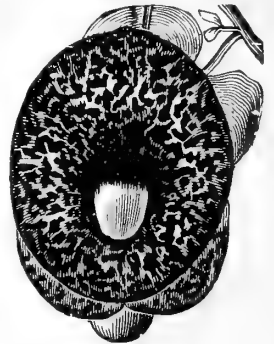
AQUILEGIA (*Columbine*)

240. **Single Varieties**. Mixed. Pkt., 5c.
 241. **Double Varieties**. Mixed. Pkt., 5c.
 242. **Chrysanth** (*Golden Spurred*). Beautiful long yellow spurs; fine. Pkt., 5c.
 243. **Chrysanth Alba**. Pure white, long spurred variety; very fine. Pkt., 10c.
 244. **Skinneri**. A magnificent columbine, crimson sepals, light green petals, and long crimson spurs. Pkt., 10c.
 245. **Cœrulea**. Violet-blue and white. Pkt., 10c.

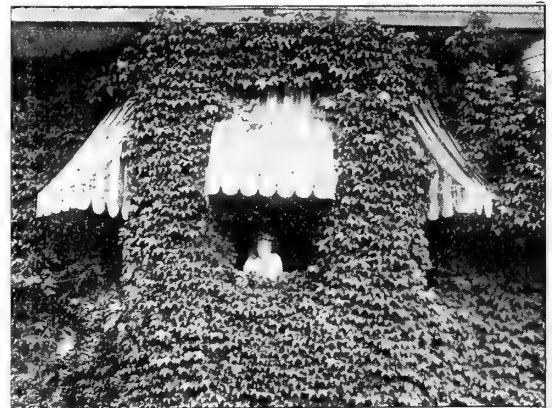
ARISTOLOCHIA

(*Dutchman's Pipe*)

260. **Sipho**. A rapid growing climber with curious purple flowers. Pkt., 10c.
 261. **Elegans**. Like above, except flowers much larger and spotted white. A very desirable vine. Pkt., 10c.



ARISTOLOCHIA ELEGANS. Pkt., 10c.



AMPELOPSIS VEITCHII OR BOSTON IVY, at "Floracraft."

The Ampelopsis Veitchii is a hardy perennial climber from Japan, with beautiful, glistening, olive-green leaves, which turn a beautiful scarlet in the autumn. It is the best and most popular climber for covering stone or brick walls.

Seed, 10c. per pkt. Plants, 20c. each; \$2.00 per dozen.

➤ SUPERB ✦ ASTERS ✦ ➤

PEONY FLOWERED PERFECTION ASTERS

A very favorite type. Thrifty upright plants; large, fine flowers, with long incurved petals. The florists' Aster, and one of the finest.

	PER PKT.
321. Snow white	\$0 10
322. Glowing crimson	10
318. Brilliant rose	10
323. Azure blue	10
324. Purple	10
320. Carmine, edged white	10
325. Dark rose, " "	10
319. Blue, " "	10
326. Choice mixed sorts	10

DWARF CHRYSANTHEMUM FLOWERED ASTERS

Plants only ten to twelve inches high, producing flowers of the largest size and choicest colors.

	PER PKT.
327. A. Chrysanthemum Flowered, Mixed	\$0 10
328. A. Chrysanthemum Flowered, pure white	10

VICTORIA ASTERS

A magnificent race of Asters. The colors include many delicate and some gorgeous shades; flowers very double and four inches across, and from twenty to thirty in a single plant; fifteen to eighteen inches high.

	PER PKT.
355. Pure white	\$0 10
356. Deep pink	10
357. Light blue	10
358. Deep scarlet	10
359. Peach blossom	10
360. Choice mixed sorts	10

COMET OR PLUME ASTERS

A very beautiful and distinct class, with long curled and twisted petals formed into a loose yet dense half globe, resembling the Japanese Chrysanthemum.

	PER PKT.
345. Pure white	\$0 10
346. New carmine	10
348. Deep pink	10
349. Delicate pink, edged white	10
347. Choice mixed sorts	10

GERMAN QUILLED ASTER

Flowers composed of tube or quill-shaped petals. Very beautiful, with a great variety of colors.

	PER PKT.
331. German Quilled. (Beth-ridge's Prize.) Mixed	\$0 05
332. " " Pure white	5

DEEP SCARLET TRIUMPH ASTER

333. This is undoubtedly the most beautiful and perfect of all dwarf Asters. Each plant forms an elegant bouquet of itself, seven or eight inches high. The flowers measure from two and one-half to three inches across, of faultless form. The color is rich, brilliant scarlet; each plant bears at least thirty or forty flowers of exquisite beauty. Pkt., 1c.

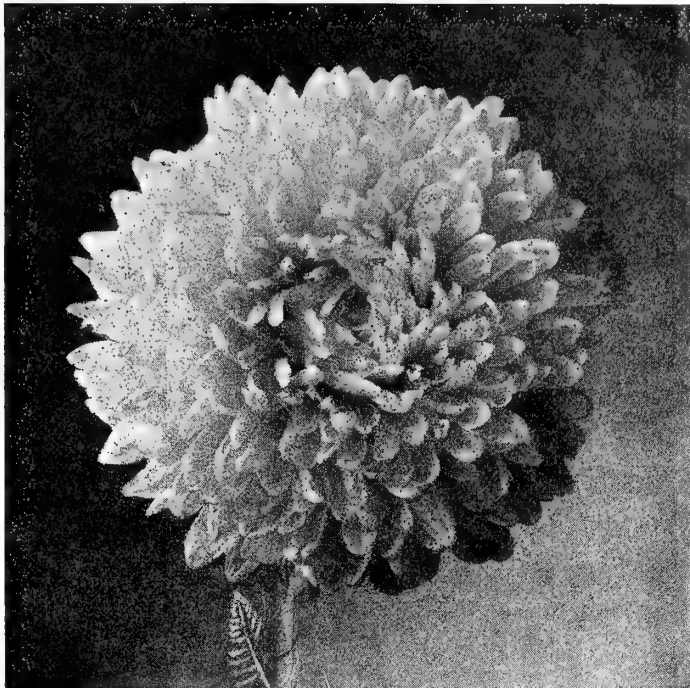
NEW JEWEL OR BALL ASTER

A magnificent new class. The flowers are perfectly round or ball-shaped. Nine inches in circumference, the petals being short and incurved. Plants grow about 2 feet high, of steady habit.

	PER PKT.
351. Apple Blossom. Shell pink	\$0 10
352. Crimson. Very showy and handsome	10
353. Deep Rose. An excellent color	10
1 pkt. each of these 3 Glorious Asters, 25c.	
354. New Jewel. Mixed colors	10

NEW YELLOW ASTER

361. A Yellow Aster is at last at our disposal. It is a double flower in the form of a perfect ball; the quills are close together, and of the brightest sulphur-yellow, not a mere indication of the color, as in all former productions. The border petals are broad and of a lighter tint, seeming to enclose the flower like an old-fashioned bouquet paper. The flowers are borne upon long, erect stems, excellent for cutting. The plants are twelve to fifteen inches high, of compact, bushy growth, and most abundant bloomers. Per pkt., 10c.; 3 pkts. for 25c.



PHOTOGRAPH NEW BRANCHING ASTER.

NEW BRANCHING ASTERS

The new Branching Aster is quite different in several respects from any Aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are of extraordinary size and exceedingly graceful, and are borne erect on very long stems.

	PER PKT.
310. White Branching Aster	\$0 10
311. Crimson Branching Aster	10
313. Shell Pink Branching Aster	10
312. Finest Mixed Branching Aster	10

NEW DWARF QUEEN ASTER

The dwarf, bushy plants grow only ten to twelve inches high, and while branching very freely, the branches are upright (not loose in habit), making a dense, compact bush. The flowers are of extraordinary size, perfectly double, and resemble the finest Victoria Asters in form.

	PER PKT.
335. Satin White Queen. Spotless white	\$0 10
336. Crimson Queen. Rosy crimson	10

NEW PEARL ASTER

This entirely new and distinct class of Asters is superior to most other types. The plants form handsome pyramids about fifteen inches high, and are literally covered with a mass of the most perfect flowers, round in shape and three and one-half to four inches in diameter, finely and fully imbricated, and borne on long stems.

	PER PKT.
337. New Pearl. Mixed	\$0 10
338. " " Pure white	10

CROWN ASTER

339. The centre of each flower is white, surrounded by a broad margin of color, such as crimson, rose, violet, etc.; flowers large and freely produced; height, eighteen inches to two feet. Pkt., 10c.; 3 pkts., 25c.

POPULAR MIXTURE OF ASTERS

362. This is a mixture of all the best varieties of Asters suitable for cut flowers, consisting principally of white, pink and the brightest of red, with a small proportion of blue and purple and some intermediate shades. This mixture, being made by ourselves, we know contains only the most salable colors for cut flower use, and offer it as a good substitute for the higher-priced separate colors. Large pkt., 15c.; oz., \$1.25.

363. White Asters in Mixture. This mixture is made up by ourselves of all the white-flowering Asters suitable for cut flowers, and includes Giant Comet Snow and White Branching. Large pkt., 15c.; oz., \$1.50.

ASPERULA

A profuse blooming plant, bearing many clusters of small, sweet-scented flowers; very pretty for bouquets. Hardy annual.

300. **A. Odorata** (Sweet Woodruff). Pkt., 5c.
301. **A. Setosa**. Sky blue. Pkt., 5c.

AURICULA (*Primula Auricula*)

350. **Choice Mixed**. Saved from a choice collection. Pkt., 10c.

BALLOON VINE

340. A fast growing climber. Pkt., 5c.



ROYAL CAMELLIA FLOWERED BALSAM.

BALSAM (*Lady's Slipper*)

330. **White Perfection**. The finest; pure white. Pkt., 10c.
381. **Double Scarlet** (*The King*). Pkt., 10c.
387. **Double Pink** (*Peach Blossom*). Pkt., 10c.
385. **Double Solferino**. Striped. Pkt., 10c.
384. **Double Mixed Sorts**. Pkt., 5c.
386. **Royal Camellia Flowered, Prize Mixed**. A fine strain of very double flowers of exquisite shades. Pkt., 10c.

BELLIS (*See Daisy*)**BEGONIA**

420. **Single Tuberous Rooted**. Mixed. Pkt., 15c.
421. **Double Tuberous Rooted**. Mixed. Pkt., 25c.
422. **Rex Hybrids**. Variegated foliage. Pkt., 25c.
423. **Vernon**. Flowers waxy, blood-scarlet, borne in immense quantities; fine foliage, green at first, turning red. Pkt., 10c.

BROWALLIA (*Amethyst*)

Handsome annuals with blue or white flowers.

470. **Elata Cœrulea**. Sky blue. Pkt., 5c.
471. **Elata Alba**. Pure white. Pkt., 5c.
472. **Mixed Varieties**. Pkt., 5c.

CACALIA (*Tassel Flower*)

480. **C. Mixed**. Golden yellow and scarlet. Pkt., 5c.
481. **C. Coccinea**. Scarlet. Pkt., 5c.

CANARY BIRD FLOWER

490. (*Tropæolum Canariense*). A beautiful climber. Pkt., 5c.

CALCEOLARIA

520. **C. Hybrida Grandiflora**, Tall Mixed. 20 in. Pkt., 25c.

521. **C. Hybrida Grandiflora Pumila Compacta, Mixed**. A new strain, dwarf and compact, producing large and brilliant self-colored and spotted flowers; 1 ft. Pkt., 2 c.

522. **C. Rugosa**. Small flowering varieties for bedding, of the finest colors; 2 ft. Pkt., 25c.

523. **James's Giant**. This strain of Calceolaria will be found without a peer. It contains the most brilliant colorings of the tigered, mottled, spotted and variegated varieties that we know of. Compact in growth and vigorous in constitution. Pkt., 35c.

CALENDULA (*Marigold*)

544. **"Orange King"**. The grandest of all the double Pot Marigolds. Flowers of considerable size and remarkably double. The outer florets are slightly imbricated, while those of the centre are incurved like the petals of a Pæony. The color is a rich, dark orange, decidedly more striking than that of Prince of Orange. Pkt., 5c.

545. **"Lemon Queen"**. Just as fine as the Orange King, but a clear lemon yellow. Flowers 4 to 5 inches in diameter, globular in form and beautifully finished. Pkt., 5c.

540. **Meteor**. Double yellow striped orange. Pkt., 5c.

541. **Prince of Orange**. Pkt., 5c.

542. **Ranunculoides, Fl. Pl.** (*Cape or Garden Marigolds*). Deep orange color; 1 ft. Pkt., 5c.

543. **Calendula**. Fine mixed. Pkt., 5c; oz., 15c.

CAMPANULA

606. **Pyramidalis, Mixed**. A grand sort, known as the "Pyramidal Bell Flower." Color, blue or white; plants grow about 4 feet high, of elegant pyramidal form, bearing thousands of exquisite bell-shaped flowers. Pkt., 5c.

600. **Speculum** (*Venus' Looking-glass*). Pkt., 5c.

603. **Carpatica**. Mixed. Pkt., 5c.

CANTERBURY BELLS (*Campanula Media*)

601. **Single Mixed**. Pkt., 5c.

602. **Double Mixed**. Pkt., 5c.

604. **CUP and SAUCER Varieties** are a very striking and beautiful variety of Canterbury Bells. The flowers are large and resemble a cup and saucer. Colors are mixed blue, blue, rose, lilac and white. Pkt., 10c.

605. **C. PUNCTATA, NEW SPOTTED BELL FLOWER**. An elegant, new, perfectly hardy perennial, about 1½ feet high. The pendulous, bell-shaped flowers are milk white, dotted and striped with red on the inner surface, and as large as the well-known Canterbury Bells. Pkt., 10c; 3 pkts., 25c.

CANDYTUFT (*Iberis*)

620. **I. White Fragrant**. Pure white, pinnated foliage; 1 ft. Pkt., 5c; oz., 20c.

621. **Crimson**. Very beautiful; 1 ft. Pkt., 5c; oz., 20c.

622. **WHITE ROCKET**. Large trusses of pure white flowers; 1 ft. Pkt., 5c; oz., 20c.

623. **White Tom Thumb**. A new dwarf variety, growing about 6 inches high, branching into a handsome bush, about 16 inches in diameter. Pkt., 5c; oz., 20c.

624. **Fine Mixed**. Pkt., 5c; oz., 20c.

625. **C. NEW EMPRESS**. One of the finest varieties of recent introduction. It is intermediate in height between the old Rocket and the newer Tom Thumb sort. The plant is of a very branching habit, and assumes, when fully grown and covered with its large trusses of pure white flowers, a very handsome candelabrum-like aspect. Pkt., 10c; oz., 40c.

CANNAS

645. **Crozy's Dwarf Large Flowering French**. In this new class of Cannas the foliage is luxuriant and the plants dwarf in habit. Their great merit, however, lies in the large size and brilliant hues of the flowers, ranging through all shades of yellow and orange to the richest crimson, scarlet and vermillion; some are also beautifully spotted. Seed sown in a hot-bed or greenhouse from January to April will produce flowering plants in July. Mixed. Pkt., 10c; 3 pkts., 25c; oz., 30c.

640. **C. Marechal Vaillant**. Foliage rich maroon; large bright orange flowers; 5 ft. Pkt., 5c.

641. **Tricolor**. Foliage green, red and creamy yellow; bright scarlet flowers; 3 ft. Pkt., 5c.

642. **Finest Mixed**. Embracing twenty of the best sorts. Pkt., 5c; oz., 10c.

643. **C. Gigantea**. 8 ft. Pkt., 5c.

Garnation or Picotee Pink

(*Dianthus Caryophyllus Flore Pleno.*)



MARGUERITE CARNATION. Pkt., 10c.; 3 pkts., 25c.

Carnation Marguerite

663. Without exception, these are the most abundant bloomers of all the Carnation Pinks. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc.; they are of perfect form and large size. Those sown in spring commence flowering in early summer, and continue to bloom in lavish profusion until checked by frost. They can be potted and taken in the house and will flower abundantly throughout the winter, though if intended specially for winter flowering, it will be better to sow later in the season. The plants are compact and robust in habit, supporting themselves without the use of unsightly stakes. (See cut.) Pkt., 10c.; 3 pkts., 25c.

664. **NEW DWARF LARGE FLOWERING MARGUERITE.** An improvement on the above in size of flower, dwarfed and more stocky plants. Per pkt., 15c.

660. **Scarlet Grenadin.** Very early and floriferous; large and fine double flowers, of a brilliant scarlet color. Pkt., 10c.

661. **Finest German Double, Mixed.** Saved from extra choice named double flowers. Pkt., 15c.

662. **Fine Double Mixed.** Comprising the hardiest and best varieties for garden culture. 1½ ft. Pkt., 10c.

664. **FINEST DOUBLE STRIPED.** Pkt., 10c.

THE GILLAUD OR RIVIERA MARKET

665. The Gillaud Pinks bloom profusely in the summer and autumn from spring-sown seed. The flowers are very large, of perfect shape, very fragrant, and last a long time, either cut or on the plant. They contain flowers of clear yellow and others with yellow stripes. Pkt., 20c.

NEW DOUBLE PERPETUAL (CHABAUD)

667. As early as the Margaret Carnation, this new sort will be found invaluable for florists. The plants grow up to 20 inches in height, are very even in growth, and have handsome foliage. The stalks are very stiff, like wire, and the flowers large and very double. The calyx rarely ever bursts, and the percentage of double flowers is very great, about 90 per cent. Pkt., 25c.

Our New Books

FARM GARDENING and IRRIGATION BY CHEAP MODERN METHODS will tell you just what you want to know, in just the way you want to be told. They are sent free by mail to any Post Office on receipt of 50c., or both books for \$1.00.

Celosia (Coxcomb)

CRISTATA, OR CRESTED VARIETIES

- 675. **DWARF CRIMSON.** Large combs. Pkt., 5c.
- 676. **VARIEGATA.** Crimson and gold. Pkt., 5c.
- 677. **JAPONICA.** Ruffled scarlet combs. Pkt., 5c.
- 678. **GLASGOW PRIZE.** Immense crimson. Pkt., 5c.
- 680. **QUEEN OF THE DWARFS.** Only 8 inches high; combs often 10 inches across; dark scarlet. Pkt., 10c.
- 681. **EMPRESS.** Mammoth bright purple combs; bronze foliage. Pkt., 10c.
- 674. **PRESIDENT THIERS.** Very dwarf crimson. Pkt., 5c.
- 679. **CRISTATA.** Mixed; all sorts. Pkt., 5c.

FEATHERED VARIETIES

- 683. **TRIOMPHE d'EXPOSITION.** Large feathery crimson plumes. Pkt., 10c.
- 684. **FIRE FEATHERED.** Very branching, intense orange scarlet. Pkt., 5c.
- 673. **PLUMOSA SUPERBA.** Mixed. Pkt., 5c.

NEW CELOSIA "OSTRICH FEATHER"



OSTRICH FEATHER CELOSIA.

This new Feathered Celosia produces very large plumes, which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form and the numerous massive plumes waving gracefully above the foliage make it one of the most effective ornamental plants for either pot or outdoor culture. It is of easy cultivation, requiring the same treatment as the ordinary coxcomb.

- 682. **Crimson and Orange.** Mixed, per pkt., 10c.

CENTAUREA (Dusty Miller)

Extensively used for margins, beds and vases. Half-hardy perennial.

685. **Candidissima.** Attractive, silvery; cut leaves. Half-hardy perennials; 1 ft. Pkt., 10c.

686. **Gymnocarpa.** Graceful, finely cut, silvery gray leaves. Half-hardy perennials. 1½ ft. Pkt., 10c.

CENTAUREA (Cyanus)

(Blue Bottle or Corn Flower)

- | | PER PKT. |
|---|----------|
| 688. BLUE | \$0 05 |
| 689. WHITE (Alba Pura) | 5 |
| 690. DWARF VICTORIA. Very dwarf, beautiful for borders | 10 |
| 691. MARGARITE. Novelty, see page 69. | |
| 687. CYANUS MIXED. All colors | 5 |

Chrysanthemums

SINGLE ANNUAL VARIETIES

704. **Selected Mixed Varieties.** Comprising a full assortment of single and double varieties with the richest variety of colors, rich crimson, golden yellow, striped and mottled. Pkt., 5c.

708. **C. MAXIMUM.** A grand addition to our collection of choice hardy perennials. Its beautiful snow-white flowers are produced in great abundance the whole season, and as cut flowers they are unexcelled in lasting qualities. Pkt., 10c.; 3 pkts., 25c.



CINERARIA—JAMES'S GIANT. Pkt., 35c.

CINERARIA

742. **James's Giant Flowering.** An unrivalled strain, both in variety of color and marking and size and quality of bloom. Blooms measure $2\frac{1}{2}$ to $2\frac{3}{4}$ inches in diameter. Pkt., 35c.

740. **Moritima Candidissima** (Dusty Miller). Pkt., 5c.

741. **Acanthifolia** (Dusty Miller). Pkt., 5c.

CLARKIA

761. **Elegans** (Purple King). Pkt., 5c.

760. **Single Mixed.** Pkt., 5c.

762. **Double Mixed.** Pkt., 5c.

CLEMATIS

780. **Jackman's Large Flowering Hybrids.** Pkt., 10c.

781. **Coccinea Scarlet.** Tubular flowers. Pkt., 10c.

783. **Flammula.** White, sweet scented. Pkt., 5c.

784. **Paniculata.** One of the finest; fine white flowers; strong grower; very hardy. Pkt., 10c.

CLEOME PUNGENS

800. A showy annual, producing curious heads of flowers, of bright rose color, with long stamens, giving it the name of the **Giant Spider Plant.** Pkt., 5c.

CLINTONIA

820. **Elegans.** For hanging baskets; blue. Pkt., 5c.

COBEA

840. **Scandens.** A beautiful rapid-growing climber, with handsome foliage and large bell-shaped flowers, green at first, changing to a beautiful deep violet blue. Half-hardy perennial; 20 to 30 ft. Pkt., 10c.; 3 pkts., 25c.

COLEUS

860. **Fine Hybrids.** Pkt., 15c.

COMMELINA

900. **Cælestis.** An erect plant, producing pretty sky-blue flowers in great profusion. Roots should be preserved like dahlias; its beauty will increase from year to year; $1\frac{1}{2}$ ft. Half-hardy herbaceous perennial. Pkt., 5c.



Imperial
Japanese
Morning
Glories

CONVOLVULUS (Morning Glory)**Japanese Morning Glories**

The surpassing charm of these **Imperial Japanese Morning Glories** lies in the entrancing beauty and gigantic size of the flowers; they measure from four to six inches across. The colors of the flowers, shadings and markings are limitless, and are really wonders of nature, of such incomparable beauty that descriptions are inadequate. Some flowers are of deep, rich velvety tones, others more daintily tinted and shaded than an artist's brush could portray. The solid colors range through reds from soft rose to crimson, bronze and garnet maroon; from daintiest light blue to ultramarine indigo and blackish purple; from snow white to cream and silver gray; some are striped, starred and spotted; others have magnificent edges and throats.

The double-flowering sorts are superb and must be seen to be appreciated to their full value.

Japanese Single, Mixed. Per pkt., 10c.; 3 pkts., 25c.

Japanese Double, Mixed. Per pkt., 15c.; 2 pkts., 25c.

920. **Tricolor Roseus.** Rose color, with white centre and bands of golden yellow. Pkt., 5c.

921. **Major, Mixed.** Common morning glory. Oz., 15c.; pkt., 5c.

DWARF VARIETIES

922. **Mauritanicus.** Trailing plant for baskets; blue. Pkt., 10c.

924. **Minor, Mixed.** Pkt., 5c.

COREOPSIS, OR CALLIOPSIS

Very showy, free-flowering plants, natives of this country; fine for borders and beds; easily cultivated. Hardy annuals.

560. **C. Drummondii.** Yellow, with a circle of rich crimson brown; 1 ft. Pkt., 5c.

561. **C. Atrosanguinea.** Dark crimson; 2 ft. Pkt., 5c.

562. **C. Mixed.** Pkt., 5c.; oz., 20c.

563. **Coreopsis Lancelolata.** The flowers of this charming new hardy perennial are borne on long stems and are of a lovely bright golden yellow color. Pkt., 10c.

564. **Calliopsis Golden Wave.** Pkt., 5c.; oz., 20c.



MAMMOTH PERFECTION COSMOS. Pkt., 10c.

COSMOS

932. **Mammoth Perfection.** Very large flowering; petals deeply ribbed and of splendid substance; mixed colors. Pkt., 10c.
 931. **Pearl.** Beautiful snowy white. Pkt., 5c.
 934. **"Dawn."** New early flowering; see Novelties, page 67.
 930. **Cosmos Hybrids.** Mixed sorts. Pkt., 5c.

CROTALARIA RETUSA

(West India Rattle Box). See cut

This is a low-growing, profusely branching plant, every branch and branchlet ending in racemes 6 to 10 inches long, of beautiful, large, sweet-pea like flowers. These flowers are of thick substance, fragrant, and in color golden yellow, except the keel in the centre, which looks like brown velvet, and are followed by clusters of short, smooth pods, in which, when shaken, the seeds sound like a child's rattle, hence its common name. Pkt., 10c.

CUPHEA (Cigar Plant)

940. **C. Hookeriana Grandiflora Superba.** Beautiful vermilion and orange color; 4 ft. Pkt., 10c.
 941. **C. Miniata.** Curious flowers of a bright vermilion, with a centre of reddish violet; 1½ ft. Pkt., 10c.
 942. **C. Platycentra.** Scarlet; very pretty species. Pkt., 10c.

CYCLAMEN

960. **Persicum.** Finest mixed. Pkt., 10c.
 961. **Giganteum.** Mixed. Pkt., 25c.
 962. " Album, white. Pkt., 25c.
 963. " Rubrum, red. Pkt., 25c.
 964. " White, carmine eye. Pkt., 25c.
 965. " Roseum, rose. Pkt., 25c.

CYPRESS VINE

980. **Crimson.** Pkt., 5c.
 981. **White.** Pkt., 5c.
 982. **Mixed sorts.** Pkt., 5c.
 983. **Scarlet, Ivy Leaved.** Pkt., 5c.

DAHLIA

1000. **Double flowering; mixed.** Pkt., 10c.
 1001. **Single** " " 10c.
 1002. **Single cactus varieties.** Pkt., 10c.

DAISY (*Bellis Perennis*)

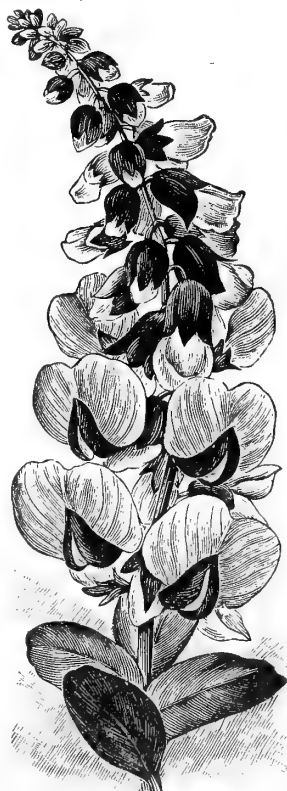
1020. **Double, Mixed.** Pkt., 10c.
 1022. **Longfellow.** Double pink. Pkt., 10c.
 1023. **Snowball.** Double white. Pkt., 15c.
 1024. **New Giant Double Mixed.** Beautiful imbricated flowers; 1½ to 2 inches in diameter. Pkt., 15c.

DATURA

1040. **Fastuosa.** Fl. Pl. Mixed. Pkt., 5c.
 1041. **Wrightii.** Large, single, white. Pkt., 5c.
 1042. **Fastuosa Alba.** Double, white. Pkt., 5c.
 1043. **Cornucopia (*Horn of Plenty*.)** A grand variety; immense trumpet-shaped flowers with three cones or funnels, one within the other; French white on inside, marbled with royal purple on the outside. Pkt., 10c.

DELPHINIUM (*Larkspur*)

1060. **D. Formosum.** Brilliant blue with a white centre. Pkt., 5c.
 1061. **Nudicaule** Bright scarlet flowers, with clear yellow petals. Pkt., 10c.
 1063. **Imperial Flore Pleno (*Emperor Larkspur*.)** With beautiful long spikes of brilliant dark blue, tricolor and red striped, double flowers. Pkt., 5c.
 1064. **Finest Mixed Hybrids.** Pkt., 5c.
 1065. **Dwarf German Rocket.** Hyacinth-flowered Larkspur; mixed. Pkt., 5c.
 1066. **D. Elatum.** Bee Larkspur. Pkt., 5c.
 1067. **D. Chinensis.** Blue Larkspur. Pkt., 5c.
 1068. **D. Sulphureum.** A most beautiful sulphur-yellow Delphinium. One of the most beautiful hardy perennials grown. Flowers resemble the finest orchids. Pkt., 10c.



CROTALARIA RETUSA, OR WEST INDIA RATTLE BOX. Pkt., 10c.



DIANTHUS LACINIATUS NANUS.

Grand New Strain of Annual Pinks

Dianthus Laciniatus Nanus (New Hybrids)

No. 1094. This is a grand new strain of the annual Pinks, with laciniated or fringed petals. The flowers vary in shade from white to deep rose and even to purplish red, are all tinged more or less with bright salmon red or salmony scarlet, and are distinguished by a dark ring around the centre. The plants grow only about 10 inches high and are remarkable for their free flowering character. At our "Flora-croft Gardens," where this seed was grown, there were no two plants alike, and they were a mass of bloom all summer, and are at this writing (October 14th) still throwing up their charming flowers. Price, 10c. per pkt.

Dianthus or Pinks

DOUBLE ANNUAL VARIETIES

1080. **D. Chinensis**, Fl. Pl. (*China Pink*.) Large, double, fragrant flowers; mixed. Pkt., 5c.; oz., 25c.
 1081. **Heddewigii Diadematis**, Fl. Pl. (*Double Diadem Japan Pink*.) Densely double flowers, three inches in diameter; beautiful tints of crimson, lilac, purple, outer edges fringed with white; 6 in. Pkt., 5c.; oz., 75c.
 1084. **D. Imperialis**. Double imperial pink. Pkt., 5c.
 1085. **D. Laciniatus**, Fl. Pl. (*Double Fringed Japan Pink*.) Large, double, showy flowers, with fringed edges; various colors and beautifully striped. Pkt., 5c.
 1092. **Mourning Cloak**. Rich blackish velvety crimson, margined with pure white. Pkt., 10c.

SINGLE ANNUAL VARIETIES

1086. **Crimson Belle**. Magnificent large, single fringed flowers of lustrous velvety crimson. Pkt., 5c.
 1087. **Eastern Queen**. Immense single flowers, beautifully fringed, marbled and suffused with carmine rose, mauve and lilac. Pkt., 5c.
 1088. **Snowflake**. Snow-white, exquisitely fringed. Pkt., 5c.
 1089. **Laciniatus**, Mixed Colors. Single fringed. Pkt., 5c.
 1090. **Heddewigii**, Mixed Colors. Single Japan Pinks. A magnificent strain, the flowers averaging 2 to 3 inches across, of many exquisite colors. Pkt., 5c.
 1093. **Salmon Queen**. A new variety, of a most brilliant salmon color. Pkt., 10c.

HARDY PERENNIAL VARIETIES

1082. **Dianthus Plumarius** (*Pheasant Eye*). A beautiful, single, hardy pink, with fringe-edged white flowers, with a dark centre. Pkt., 5c.
 1083. **Plumarius**, Fl. Pl. Double and semi-double varieties in beautiful colors. Pkt., 10c.
 1091. **Fine Garden, or Clove-scented Pinks**. (*Hortensis Varieties*.) Beautiful double mixed colors. Pkt., 10c.

DIGITALIS (Foxglove)

1120. Mixed. Pkt., 5c.

ESCHSCHOLTZIA

1180. **Californica**. Yellow and orange. Pkt., 5c.
 1181. **Rose Cardinal**. Rich rosy purple. Pkt., 5c.
 1183. **Mandarin**. Inner side of petal rich orange, outside brilliant scarlet. Pkt., 5c.
 1182. **Single Mixed**. All colors. Pkt., 5c.
 1184. **Double Mixed**. All colors. Pkt., 5c.

EVENING PRIMROSE (*Oenothera*)

2260. Delicate pale yellow flowers. Pkt., 5c.

EVERLASTING FLOWERS

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. They should be cut when they come into full bloom, tied into bunches and dried in the shade, with their heads downward.

1240. **Acroclinium Roseum**, Fl. Pl. Bright rose, double. Pkt., 5c.
 1241. **Ammobium Alatum Grandiflorum**. A leading everlasting; flowers very large and pure white color. Pkt., 5c.
 1242. **Gomphrena Mixed** (*Bachelor's Buttons*). Pure white, crimson, orange and variegated colors. Pkt., 5c.
 1243. **Helipterum Humboldtianum** (*Sanfordi*). Large clusters of bright, golden yellow flowers. Pkt., 5c.
 1244. **Helichrysum, Finest Mixed**. Large, beautiful, very double, white, yellow, scarlet. Pkt., 5c.
 1245. **Rhodanthe, Finest Mixed**. Very rich colors of rose, crimson, purple, carmine and white. Pkt., 5c.
 1246. **Xeranthemum**. Leaves silvery, brilliant colors of purple, rose and white flowers; 2 ft. Pkt., 5c.



HELICHRYSUM Pkt., 5c.

FERNS

1280. **F. Choice Mixture for Greenhouse Cultivation**. Pkt., 15c.
 1281. **Hardy Mixture**. Comprising the most desirable hardy sorts for outdoor culture. Pkt., 15c.

GAILLARDIA

1300. **G. Picta Lorenziana**. Sulphur, golden, bright yellow, orange, claret and amaranth. Pkt., 5c.
 1301. **G. Picta Grandiflora**. Large flowers of rich crimson and yellow. Pkt., 5c.
 1302. **Picta Nana**. (*Painted Lady*.) Showy crimson, bordered with yellow. Pkt., 5c.

GERANIUM

1320. **G. Zonale**, Mixed. Pkt., 10c.
 1321. **Apple-Scented**. Very fragrant. Pkt., 10c.

GILIA

1340. **Tricolor**. Orange yellow. Pkt., 5c.

GLOXINIA

Charming greenhouse plants. Flowers of most exquisite and gorgeous colors, beautifully spotted, mottled and blended.

- | | PER PKT. |
|---|----------|
| 1380. Grandiflora . Choice mixed sorts | \$0 25 |
| 1381. Grandiflora Erecta . Mixed; erect flowers . . . | 25 |
| 1384. Grandiflora , Spotted and Tigered | 25 |
| 1385. Scarlet Defiance . Intense scarlet flowers . . . | 25 |

GODETIA

- | | PER PKT. |
|--|----------|
| 1400. Lady Satin Rose . Crimson tinged, pale lilac, \$0 05 | |
| 1401. Bijou . Dwarf, white flowers, with carmine spot on each petal | 5 |
| 1403. Lady Albemarle . Large crimson rose | 5 |
| 1402. Choice Mixed Varieties | 5 |

GOURDS

Mixed Ornamental. A choice assortment. Pkt., 10c.; 3 pkts., 25c.
For other varieties of Gourds, see vegetable list, page 38.

GRASSES (ORNAMENTAL)

1440. *Agrostis Nebulosa*. Pkt., 5c.
1441. *Avena Sterilis* (*Animated Oats*); 2½ ft. Pkt., 5c.
1442. *Briza Maxima* (*Rattlesnake Grass*); 1 ft. Pkt., 5c.
1443. *Coix Lachrymæ* (*Job's Tears*); 2 ft. Pkt., 5c.
1444. *Erianthus Ravennæ*. Very ornamental; 10 ft. Pkt., 5c.
1445. *Gynierium Argenteum*. (*Pampas Grass*); 10 ft. Pkt., 5c.
1446. *Hordeum Jubitum* (*Squirrel-Tail Grass*). Pkt., 5c.
1447. *Zea Japonica Variegata* (*Variegated Japanese Maize*). Striped gold and white. Pkt., 5c.
1448. *Stipa Pennata* (*Feather Grass*); 2 ft. Pkt., 5c.
1449. *Eragrostis Elegans* (*Love Grass*); 1 ft. Pkt., 5c.
1450. *Eulalia Zebrina* (*Zebra Grass*); 7 ft. Pkt., 5c.

GREVILLEA ROBUSTA

1460. (*Silk Oak*). Beautiful and graceful fern-leaved foliage plant. Pkt., 10c.

GYPSOPHILA

1480. *Elegans*. Star-shaped, white and pink flowers. Pkt., 5c.
1481. *Paniculata*. Produces numerous panicles of small, white, handsome flowers; fine for bouquets. Pkt., 5c.

HEDYSARUM (French Honeysuckle)

1500. *Coronarium, Mixed*. Pkt., 5c.

HELIANTHUS (See Sunflower)

HELIOTROPE

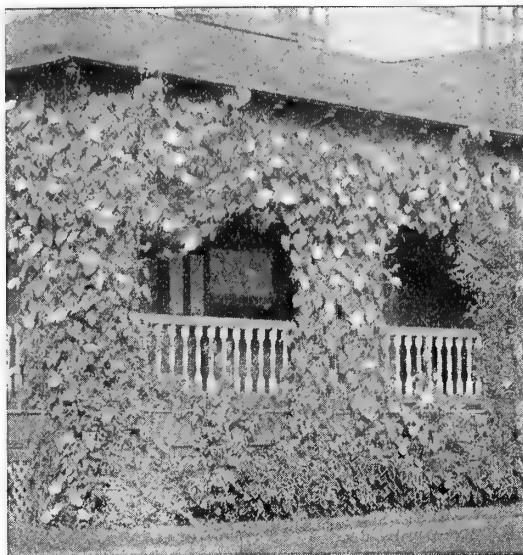
1520. *Finest Mixed*. Pkt., 5c.
1521. *King of the Blacks*. Rich purple. Pkt., 10c.
1522. *Lemoine's Giant Hybrids*. Immense clusters; very fragrant. Pkt., 10c.

HIBISCUS (Marsh Mallow)

1540. *Africanus*. Creamy yellow, with purple centre. Pkt., 5c.
1541. *Palustris*. Large pink flowers. Pkt., 5c.
1542. *Californicus*. Large white carmine centre. Pkt., 10c.
1543. *Sunset*. Very large, yellow, fine. Pkt., 10c.

HOLLYHOCK (Althea Rosea)

- | | | | |
|-------|----------|--------------------|---------------------|
| 1562. | Chaters. | Prize Double, Red. | Pkt., 10c. |
| 1560. | " | " | Pink. Pkt., 10c. |
| 1561. | " | " | White. Pkt., 10c. |
| 1558. | " | " | Yellow. Pkt., 10c. |
| 1559. | " | " | Salmon. Pkt., 10c. |
| 1563. | " | " | Crimson. Pkt., 10c. |
| | " | " | Mixed. Pkt., 10c. |



WHITE MOONFLOWER—From Spring-sown Seed.

WHITE MOONFLOWER

Plants, 10c. each; \$1.00 per dozen. Seeds, pkt., 10c.; 3 pkts., 25c.

HUMULUS JAPONICUS, OR JAPANESE HOP

1620. Very ornamental and fast growing annual climber from Japan. Pkt., 5c.
1621. *Humulus Japonicus Variegatus*. A beautiful variety with variegated foliage, resisting heat and the ravages of insects. Pkt., 10c.

IPOMÆAS

1664. *The Moonflower*. White seeded. Pkt., 10c.
1660. *Bona Nox*. (*Evening Glory*). Pkt., 5c.
1661. *Coccinea*. (*Star Ipomæa*). Scarlet. Pkt., 5c.
1662. *Huberi*. Cross-bred or Hybrid Moonflower; foliage and flowers vary. Pkt., 5c.
1665. *Heavenly Blue*. Flowers very large; beautiful blue. Pkt., 10c.

KENILWORTH IVY (Linaria)

1780. *Cymbalaria*. A very handsome, small, neat, trailing plant; admirably suited for baskets. Pkt., 10c.

LANTANA

1720. *L. Hybrida, Mixed*. Desirable greenhouse plants, embracing every shade, white, pink, orange and purple. Pkt., 5c.

LATHYRUS (Hardy Sweet Peas)

1740. *Latifolius*. A handsome, free flowering plant, useful for covering trellises, old stumps, fences, etc. Flowers a beautiful scarlet. Pkt., 10c.
1741. *L. Latifolius Albus*. Large clusters of pure white; grand, hardy, low climber. Pkt., 10c.
1742. *L. Splendens*. A fine novelty from California, bearing dense clusters of brilliant deep rose flowers. Pkt., 10c.

LOBELIA

COMPACTA VARIETIES

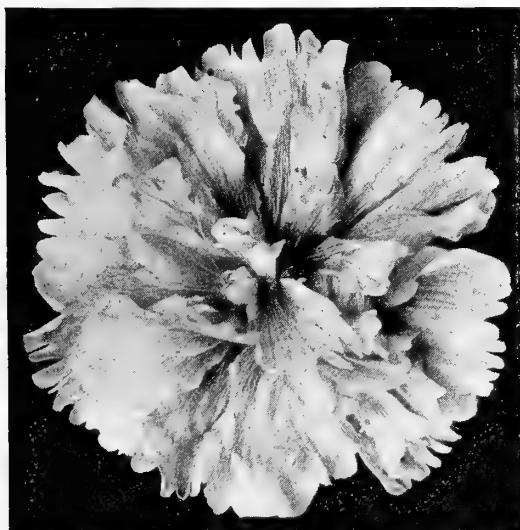
1840. *Crystal Palace*. Rich blue. Pkt., 10c.
1839. *White Gem*. Snow white. Pkt., 10c.
1838. *Frima Donna*. Crimson maroon. Pkt., 10c.
1846. *Golden Queen*. Yellow foliage, brilliant blue flowers. Pkt., 10c.
1837. *Royal Purple*. Pkt., 10c.
1845. *MIXED COMPACTA VARIETIES*. Pkt., 5c.

ERINUS, OR TRAILING VARIETIES

1841. *Erinus Speciosa Alba*. White. Pkt., 5c.
1843. *Gracilis*. Light blue spreading. Pkt., 5c.
1844. *Erinus, or Trailing Varieties*. Mixed. Pkt., 5c.

PERENNIAL VARIETIES

1812. *Cardinalis*. Cardinal Flower. Pkt., 10c.



New Mammoth Flowering "Allegheny Hollyhocks"

1564. The flowers of this new variety are so different from the old conventional ones that but for the similar habit of the plant it would not be taken for a Hollyhock.

They are from 4 to 6 inches in diameter, ranging from semi-double to double, and finely fringed and curled.

The colors are shell pink, rose and ruby red, a shade or two deeper at the centre, and exquisitely tinted towards the edge.

Price, per pkt., 20c.; 3 pkts., 50c.



ELDORADO MARIGOLD. Pkt., 5c.

LYCHNIS1900. *Chalcedonica*. Brilliant scarlet flowers. Pkt., 5c.**Marigold****AFRICAN VARIETIES**

1941. **ELDORADO**. Flowers 3 to 4 inches in diameter, perfectly and extremely double. Every shade. Pkt., 5c.
 1943. **LARGE AFRICAN**. Very large, orange, brown and yellow. Oz., 15c.; pkt., 5c.

FRENCH VARIETIES

1940. **GOLD STRIPED**. Double dwarf, brownish red, striped golden yellow. Pkt., 5c.
 1942. **DWARF FRENCH MIXED**. Oz., 15c.; pkt., 5c.
 1944. **LITTLE BROWNIE**. (*Legion d'Honneur*). Charming, compact, little bushes. Flowers single, golden yellow, with large spot of crimson velvet. Pkt., 10c.

Mignonette (Reseda)

2020. **Sweet Scented**. Oz., 10c.; pkt., 5c.
 2022. **Golden Queen**. Golden yellow. Pkt., 5c.
 2023. **Parson's White**. Oz., 35c.; pkt., 5c.
 2024. **Machet**. Very compact; fine for pot culture; red. Oz., 60c.; pkt., 10c.
 2026. **Miles' Hybrid Spiral**. Pure white. Pkt., 5c.
 2027. **Giant White Spiral**. Oz., 25c.; pkt., 5c.
 2028. **Red Victoria**. Dwarf, branching habit, very sweet red flowers. Pkt., 10c.
 2029. **Allen's Defiance**. Immense spikes 12 to 15 inches long; very fragrant. Pkt., 10c.
 2025. **Gabrielle**. Large spikes of red flowers, very fragrant, fine for pot culture. Pkt., 10c.



MIGNONETTE MACHET. Pkt., 10c.

MARVEL OF PERU (Four O' Clocks)

1960. **Mixed**. Beautiful colors. Pkt., 5c.; oz., 10c.
 1961. **Dwarf White**. Snowy white flowers. Pkt., 5c.

MESEMBRYANTHEMUM

2000. **M. Crystallinum (Ice Plant)**. Flowers white, with ice-like foliage. Pkt., 5c.
 2001. **Tricolor (Wax Pink)**. Very pretty; rosy pink flowers. Pkt., 5c.

MIMULUS (Monkey Flower)

2060. **Moschatus (Musk Plant)**. Beautiful yellow flowers. Pkt., 5c.
 2061. **Cardinalis**. Flowers of a brilliant scarlet hue; hardy; 1 ft. Pkt., 10c.
 2063. **Tigrinus**. The finest tigered and spotted varieties, rivaling the calceolaria in its brightness; mixed colors. Pkt., 5c.

**MOMORDICA, OR BALSAM**

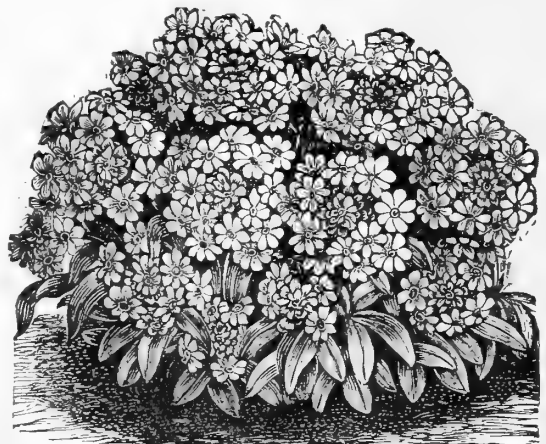
2090. **M. Balsamina (Balsam Apple)**. The fruit when ripe is useful for medicinal purposes. Pkt., 5c.; oz., 20c.
 2091. **M. Charantia (Balsam Pear)**. Same as the above, excepting that the fruit is longer in shape. Pkt., 5c.; oz., 20c.

BALSAM APPLE.

Myosotis (Forget-me-not)

2100. **Palustris**. Beautiful blue. Pkt., 5c.
 2101. **Alba**. Pure white. Pkt., 5c.
 2102. **Dissitiflora**. Large blue flowers; compact, and very early. Pkt., 10c.
 2103. **Victoria**. Of bushy habit; large, bright, azure blue flowers. Very fine. (*See cut.*) Pkt., 10c.

	OZ.	PKT.
Alpestris . Blue	\$0 40	\$0 05
" White	50	5
" Rose	50	5
" Mixed	40	5



NEW FORGET-ME-NOT "VICTORIA." Pkt., 10c.

MYRSIPHYLLUM, OR SMILAX2120. **Asparagoides**. Beautiful, delicate, wavy, glossy, deep green foliage. ¼ oz., 20c.; oz., 60c.; pkt., 10c.**Our New Books**

FARM GARDENING and IRRIGATION BY CHEAP MODERN METHODS will tell you just what you want to know, in just the way you want to be told. They are sent free by mail to any Post Office on receipt of 50c., or both books for \$1.00.



2130. DWARF PRINCE HENRY NASTURTIUM. Oz., 20c.; pkt., 5c.

LOBB'S TRAILING NASTURTIUM

The leaves and flowers are somewhat smaller than the ordinary tall sorts, but their greater profusion renders them superior.

2148. **Asa Grey.** Cream white, blotched crimson maroon. Pkt., 5c.

2149. **Napoleon III.** Yellow striped, rosy scarlet. Pkt., 5c.

2150. **Roi des Noirs.** Almost black. Pkt., 5c.

2151. **Spitfire.** Fiery red. Pkt., 5c.

2152. **Lobb's Nasturtiums, Mixed.** Pkt., 5c.; oz., 20c.

PETUNIA

SINGLE VARIETIES (FOR BEDDING)

2340. **Dwarf Inimitable.** Dwarf plants, 6 to 8 inches high, flowers cherry red, with a white centre; splendid for edgings, massing, etc. Pkt., 10c.

2341. **Striped and Blotched.** Extra strain. Pkt., 5c.

2342. **Alba.** White; suitable for cemetery. Pkt., 5c.

2343. **Choice Single Mixed.** ¼ oz., 20c.; pkt., 5c.

SINGLE LARGE FLOWERING SORTS

2345. **Grandiflora Venosa.** Large flowering, finest shade of color, beautifully veined. Pkt., 10c.

2346. **Grandiflora Fimbriata.** A fine strain with handsomely frilled and fringed flowers. Pkt., 20c.

2347. **Yellow Throated.** The flowers are very large and of perfect form, with a broad, deep yellow throat. Pkt., 20c.

2348. **"Giants of California."** A Californian strain of incomparable beauty, size and luxuriance. The flowers are exquisitely ruffled or fringed on the edges, and are enormous. (See cut.) Pkt., 20c.

DOUBLE FLOWERING SORTS

2350. **Dwarf Double Liliput (Nana Compacta Multiflora, Fl. Pl.).** New double kind, producing bushy plants, covered with double flowers, which are partly spotted, blotched and self-colored. Pkt., 25c.

2351. **Double Mixed.** Best large flowering double, in finest mixture. Pkt., 25c.

2352. **Extra Large Flowering, Double Fringed.** This extra choice strain produces about thirty per cent. of splendid double fringed flowers. Pkt., 35c.

NASTURTIUMS (Tom Thumb or Bedding)

	OZ.	PKT.
2146. Aurora. Salmon-rose, mottled blush white, garnet blotches, . . .	\$0 20	\$0 05
2131. Bronze Color. Of a burnished coppery bronze,	20	5
2132. Chameleon. Splashed crimson, bronze and yellow,	20	5
2133. Cœrulea Rosea. Rose tinged purple,	20	5
2134. Crystal Palace Gem. Sulphur, spotted maroon,	20	5
2143. Empress of India. Brilliant crimson, dark foliage,	20	5
2135. Golden King. Grand flowers, 3 inches across; deep golden yellow, maroon blotches,	20	5
2136. King of Tom Thumbs. Crimson,	20	5
2144. King Theodore. Dark scarlet maroon, dark foliage,	20	5
2145. Lady Bird. Orange yellow, red spots,	20	5
2130. Prince Henry. Cream color, spotted scarlet and tipped with wine-red,	20	5
2142. Pearl. White,	20	5
2147. Mixed Tom Thumbs. ¼ lb., 50c.,	15	5
Any 6 of the above pkts. for 25c.		

TALL OR CLIMBING VARIETIES

2137. **Hemisphœricum.** Yellow, with rosy scarlet blotches, fine foliage. Oz., 20c.; pkt., 5c.

2138. **Regelianum.** Violet ruby. Oz., 20c.; pkt., 5c.

2139. **Von Moltke.** Ruby rose. Oz., 20c.; pkt., 5c.

2153. **Nigro Purpureum.** Dark maroon. Oz., 20c.; pkt., 5c.

2154. **Orange.** Oz., 20c.; pkt., 5c.

2155. **Scarlet.** Oz., 20c.; pkt., 5c.

2156. **Tall Mixed Sorts.** Oz., 15c.; pkt., 5c.

NEW HYBRIDS OF MADAME GUNTER

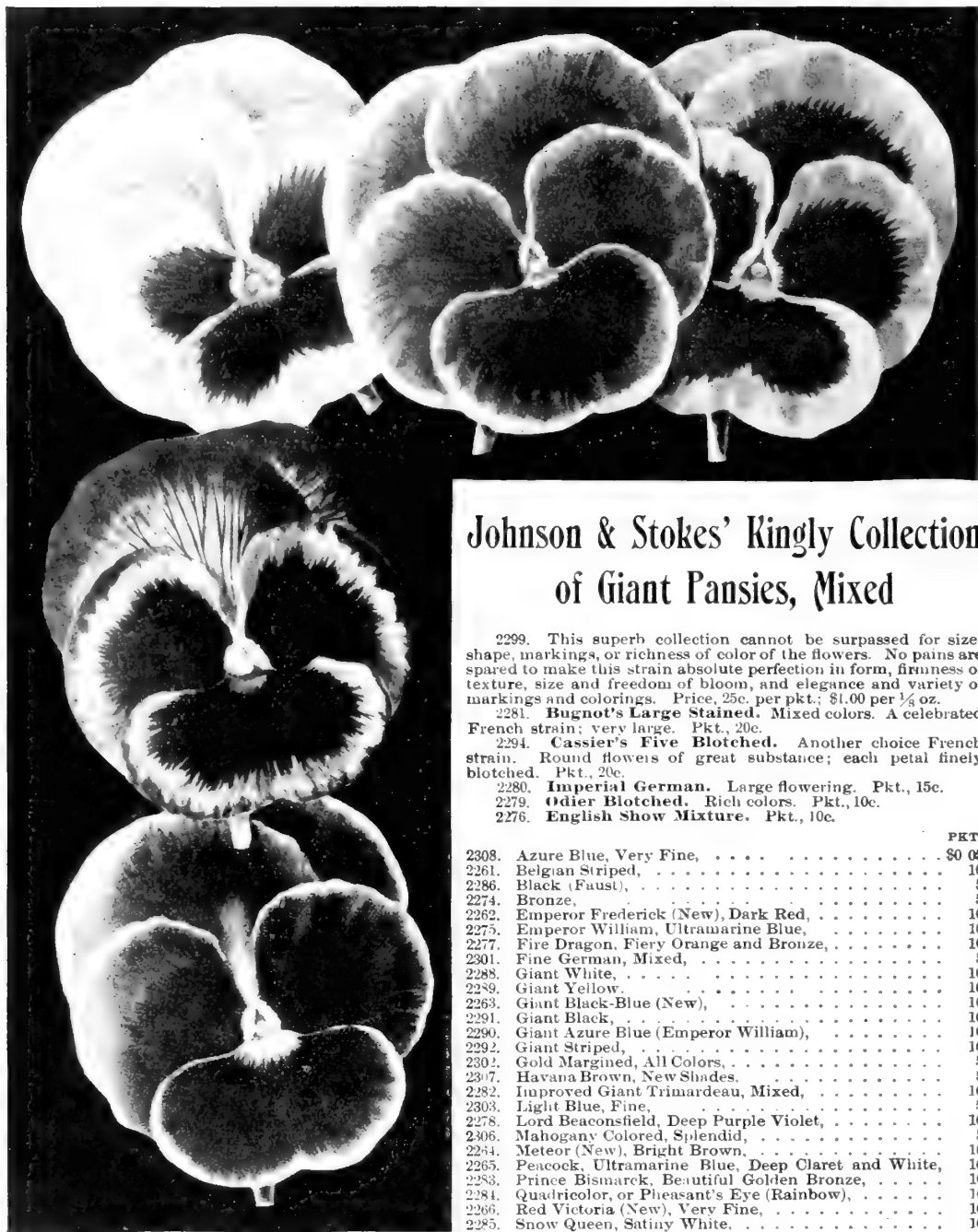
2157. A new section, distinguished by dark-colored foliage and flowers of immense size and richness, and variety of coloring. Per oz., 25c.; pkt., 10c.



PETUNIA "GIANTS OF CALIFORNIA." Pkt., 20c.

Kingly Pansies

Our Crowned Collection



The above photograph illustrates some of the rare markings to be found in our celebrated "Kingly Collection," of Giant Pansies, but you cannot show in black and white the exquisite tintings and colorings that come in endless variety. Our "Kings" are unsurpassed by any strain in the world, either in size or colorings and markings.

Johnson & Stokes' Kingly Collection of Giant Pansies, Mixed

2299. This superb collection cannot be surpassed for size, shape, markings, or richness of color of the flowers. No pains are spared to make this strain absolute perfection in form, firmness of texture, size and freedom of bloom, and elegance and variety of markings and colorings. Price, 25c. per pkt.; \$1.00 per $\frac{1}{4}$ oz.

2281. **Bugnot's Large Stained.** Mixed colors. A celebrated French strain; very large. Pkt., 20c.

2294. **Cassier's Five Blotched.** Another choice French strain. Round flowers of great substance; each petal finely blotched. Pkt., 20c.

2280. **Imperial German.** Large flowering. Pkt., 15c.

2279. **Odier Blotched.** Rich colors. Pkt., 10c.

2276. **English Show Mixture.** Pkt., 10c.

	PKT.
2308. Azure Blue, Very Fine,	\$0 05
2361. Belgian Striped,	10
2286. Black (Faust),	5
2274. Bronze,	5
2262. Emperor Frederick (New), Dark Red,	10
2275. Emperor William, Ultramarine Blue,	10
2277. Fire Dragon, Fiery Orange and Bronze,	10
2301. Fine German, Mixed,	5
2288. Giant White,	10
2289. Giant Yellow,	10
2263. Giant Black-Blue (New),	10
2291. Giant Black,	10
2290. Giant Azure Blue (Emperor William),	10
2292. Giant Striped,	5
2302. Gold Margined, All Colors,	5
2297. Havana Brown, New Shades,	5
2282. Improved Giant Trimardeau, Mixed,	10
2303. Light Blue, Fine,	5
2278. Lord Beaconsfield, Deep Purple Violet,	10
2306. Mahogany Colored, Splendid,	5
2244. Meteor (New), Bright Brown,	10
2265. Peacock, Ultramarine Blue, Deep Claret and White,	10
2283. Prince Bismarck, Beautiful Golden Bronze,	10
2284. Quadricolor, or Pheasant's Eye (Rainbow),	10
2269. Red Victoria (New), Very Fine,	10
2285. Snow Queen, Satiny White,	10
2287. Striped and Mottled, Large Flowered,	10
2297. White, Pure,	5
2304. White, with Dark Centre,	5
2298. Yellow, Pure,	5
2305. Yellow, with Black Centre,	5

"We have grown Pansies for ten years, but never before have we gazed upon such large and beautiful ones."—Ira Belle Schuraff Erie, Pa.

Phlox Drummondii

For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer. Hardy annual; 1½ ft.

2360. **Phlox Drummondii, Mixed Colors.** Pkt., 5c.; oz., 50c.

2371. **Large Flowering, Mixed.** Pkt., 10c.

2376. **New Dwarf Large Flowering, Mixed.** Splendid for pot culture and ribbon bedding. Pkt., 10c.

2367. **Star of Quedlinburg.** The flowers of this striking novelty have a most distinct and star-like appearance. Pkt., 10c.; 3 pkts., 25c.

2366. **Hardy Perennial Phlox.** Fine mixed varieties. Pkt., 10c.



SHIRLEY, SILK OR GHOST POPPIES. Pkt., 5c.

POPPIES

SINGLE ANNUAL VARIETIES

2379. **Danebrog.** Very showy variety; large single flowers of brilliant scarlet, with a silvery white spot on each petal, thus forming a white cross. Pkt., 5c.

2380. **Umbrosum.** Richest vermilion, with a deep shining black spot on each petal, thus forming a black cross. Pkt., 5c.

2383. **Shirley.** These charming poppies range in color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson. Pkt., 5c.

2388. **Talip Poppy** (*Papaver glaucum*). A magnificent species from Armenia. The plants grow about fourteen inches high and produce from fifty to sixty large flowers of dazzling scarlet. Pkt., 10c.

2389. **Fire Dragon.** Flowers of brilliant deep scarlet, with black spots margined white; 2 to 2½ ft. Pkt., 10c.

2385. **The Bride.** A beautiful variety, with very large, pure white perfectly formed flowers. If cut when barely expanded and put in water, they will last a long time. Pkt., 10c.

2391. **Single Mixed.** Annual sorts. Pkt., 5c.; oz., 20c.

DOUBLE ANNUAL POPPIES

2384. **SNOWDRIFT.** Pure snowy white, extremely double flowers, of perfect form and large size. Pkt., 10c.

2387. **P. NEW WHITE SWAN.** Immense size, very double, with beautifully laciniated petals, and of the purest possible white. Pkt., 10c.

2381. **Mikado** (*The Striped Japanese Poppy*). Brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Pkt., 10c.

2382. **Carnation-Flowered.** Splendid double fringed flowers, mixed colors. Pkt., 5c.; oz., 20c.

2390. **Pæony-Flowered.** Large, showy, double globular flowers, mixed colors. Pkt., 5c.; oz., 20c.

HARDY PERENNIAL POPPIES

2386. **Orientele** (*The Large Oriental Poppy*). A charming summer-flowering plant, producing numerous leafy stems about 2½ feet high, which are covered with deep crimson flowers, having a conspicuous black blotch on each petal. Pkt., 10c.

2392. **Orientele Hybrids.** Beautiful new hybrids of the Oriental Poppy, producing flowers of immense size, six inches and over in diameter, and of many novel colors, such as salmon, pink, cherry, etc., etc. Pkt., 15c.

PORTULACA

2400. **P. Finest Single, Mixed.** A large variety, of the most brilliant colors. Pkt., 5c.; oz., 40c.

2401. **Double Rose-Flowered, Mixed.** The most brilliant shades and choice flowers. Pkt., 10c.

PRIMULA

(Fringed Chinese Primrose)

Single Large-Flowering Fringed Varieties

	PKT.
2127. White, Alba	20
2428. Alba Magnifica. Flowers large; snow white; exquisite form	25
2429. Cœrulea. Blue	20
2430. Chiswick Red. Flowers of a brilliant crimson-scarlet	25
2431. Holborn Blue. Very fine	20
2420. Sinensis Fimbriata. Fringed varieties. Very choice; mixed	20
2433. Kermesina Splendens. A very deep, rich red	20
2434. Fern-Leaved. Mixed	20
2132. J. & S. Choicest Prize Mixed	30

This mixture contains, besides all the above-named varieties, a number of other colors, selected from the best strains of American, French, English and German growers, and we know it will give entire satisfaction.

Large-Flowering Double Primula.

2435. Double. Pure white	35
2421. Double. Mixed	35

Our Double Primulas bring a large percentage of double flowers.

2424. **Obconica.** A profuse blooming primrose, bearing on long stems heads containing ten to fifteen flowers. The flowers are pure white, shading occasionally to lilac, and have the true primrose fragrance. Pkt., 10c.; 3 pkts., 25c.

2436. **Floribunda.** Similar to "Obconica," but the flowers are a beautiful primrose yellow. Pkt., 20c.

2423. **Veris** (*English Cowslip*). Pkt., 5c.

2425. **Japonica** (*Japanese Primrose*). Pkt., 10c.

2426. **Vulgaris.** Common yellow English Primrose. Pkt., 5c.

PYRETHRUM (Feverfew)

2440. **P. Partheniifolium Aureum** (*Golden Feather*). A highly ornamental golden yellow foliage plant, unexcelled for bedding. Hardy perennial; 1½ ft. Pkt., 5c.; oz., 50c.

2441. **P. Roseum** (*Persian Insect Powder Plant*). Hand-some aster-like flowers, with pink rays and deep yellow centres; foliage fern-like; most beautifully cut. Pkt., 10c.

RICINUS (Castor Oil Bean)

2460. **Gibsoni.** Handsome deep red foliage. Pkt., 5c.

2461. **Sanguineus.** Leaves green, stalks blood red, showy red fruit; 8 ft. Pkt., 5c.

2462. **Phillippiniensis.** A majestic variety, with beautiful gigantic foliage; 10 ft. Pkt., 5c.

2463. **Mixed.** Many choice sorts. Pkt., 5c.; oz., 20c.

2464. **RICINUS, DUCHESS OF EDINBURGH.** The stem and leaves are of a bright metallic bronze; the large branches of the fruit are of a vivid red. Pkt., 5c.

2465. **Ricinus Zanzibariensis.** The leaves of this new variety attain a gigantic size, measuring 2 to 2½ ft. across and include light and dark green and coppery bronze colors. Pkt., 10c.; 3 pkts., 25c.

SALVIA

SCARLET SAGE

2520. **Splendens.** Scarlet sage. Pkt., 10c.

2521. **Patens.** Blue sage. Pkt., 10c.

2523. **Clara Bedman, or Bonfire.** Very compact, with long, erect spikes of brilliant scarlet flowers. The finest salvia ever introduced, and by far the best for bedding and massing on the lawn. Pkt., 10c.

SALPIGLOSSIS (Velvet Flower)

2500. **S. Fine, Mixed.** Sky-blue and scarlet flowers, very beautifully pencilled. Pkt., 5c.

2501. **SALPIGLOSSIS GRANDIFLORA.** The large-flowering Salpiglossis is one of the most beautiful of flowering annuals. In rich coloring they vie with orchids. Pkt., 5c.

POULTRY SUPPLIES.

Every one with a flock of chickens should see our **NEW CATALOGUE** of **POULTRY SUPPLIES** and **CHICKEN YARD** accessories.

Sent on request.



VASE OF NAMED SWEET PEAS WITH GYPSOPHILA PANICULATA.

SWEET PEAS A Carefully Revised List of Choicest Sorts

For Sweet Pea Novelties, see page 69

The seed should be sown as early as the ground can be worked in the spring. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in. As the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form, the plants will stop blooming.

- 2707. **Adonis.** Soft rosy carmine.
- 2683. **Alice Eckford.** Cream tinted cerise, white wings.
- 2708. **Apple Blossom.** Bright pinkish rose.
- 2748. **Aurora.** Immense size, white, flaked and striped with orange salmon.
- 2705. **Blanch Burpee.** Grand pure white.
- 2712. **Blanch Ferry.** Pink standards and white wings.
- 2681. **Blushing Beauty.** A very soft pink.
- 2713. **Boreatton.** Deep maroon self, rich and velvety.
- 2702. **Butterfly.** White edged and shaded with blue.
- 2724. **Capt. of the Blues.** Blue large.
- 2680. **Captivation.** Rosy purple self.
- 2746. **Coquette.** Delicate creamy primrose, tinged pale purple and blush.
- 2685. **Countess of Aberdeen.** White margined pale pink.
- 2738. **Countess of Radnor.** Delicate lavender.
- 2749. **Crown Jewel.** Pale standard, tinted violet rose; wings creamy tinted rose; large.
- 2684. **Cupid.** Dwarf white. Pkt., 8c; oz., 20c.
- 2672. **Daybreak.** Crimson scarlet, watered effect.
- 2725. **Dorothy Tennant.** Rosy, mauve self.
- 2727. **Duke of Clarence.** Clear, rich, rosy claret.
- 2734. **Emily Eckford.** Reddish mauve, wings blue.
- 2722. **Emily Henderson.** A pure white, very large.
- 2755. **Extra Early Blanch Ferry.** Very early.
- 2728. **Firefly.** Intense scarlet crimson, of good size.

- 2729. **Gaiety.** White, striped with rosy lilac.
 - 2674. **Gray Friar.** Watered purple on white ground.
 - 2730. **Her Majesty.** Large, showy; soft rosy pink.
 - 2718. **Isa Eckford.** Creamy white, with pink blush.
 - 2756. **Juanita.** White, striped lavender.
 - 2750. **Katherine Tracy.** Very large, light, but brilliant, vermilion rose.
 - 2706. **Lady Penzance.** Laced orange pink.
 - 2732. **Lemon Queen.** Almost white, with lemon tint.
 - 2679. **Little Dorrit.** Standard, rose pink, wings white.
 - 2723. **Lottie Eckford.** Creamy white, with blue edge.
 - 2747. **Mars.** The best crimson scarlet.
 - 2682. **Mikado.** Orange cerise, striped white.
 - 2733. **Miss Hunt.** Pale carmine standards, pink wings.
 - 2735. **Monarch.** Bronze, crimson and blue.
 - 2671. **Mrs. Jos. Chamberlain.** White striped, pale rose.
 - 2704. **Mrs. Gladstone.** Delicate soft pink.
 - 2675. **Oddity.** Pale carmine, edged rose.
 - 2714. **Orange Prince.** Bright orange pink.
 - 2710. **Peach Blossom.** Pink and buff.
 - 2736. **Primrose.** Light primrose yellow.
 - 2709. **Princess Beatrice.** Beautiful soft pink and rose.
 - 2757. **Princess May.** Soft lavender.
 - 2751. **Princess Victoria.** Standard bright scarlet.
 - 2678. **Ramona.** Creamy white, splashed with pale pink.
 - 2752. **Royal Robe.** Large soft pink.
 - 2701. **Scarlet Invincible.** Good scarlet.
 - 2753. **Stanley.** Very deep maroon; darkest of all.
 - 2737. **Venus.** A grand salmon buff.
 - 2754. **Waverly.** Rosy claret, wings blue, laced rose.
- PRICES:** Any of the above named sorts (except Cupid), pkt., 5c; oz., 10c; ¼ lb., 25c; 1b., 80c.
2726. **Eckford's choicest mixed varieties.** Pkt., 5c; oz., 10c; ¼ lb., 20c; 1b., 50c., by mail, postpaid.



SCABIOSA (*Mourning Bride*)

2580. **Candidissima Alba Plena.** Pure white, double flowers; 2 ft. Pkt., 5c.
 2581. **Dwarf Mixed.** White, red and purple flowers. Pkt., 5c.

SENSITIVE PLANT (*Mimosa*)

2040. A curious plant, leaves close if touched or shaken. Pkt., 5c.

SMILAX

2120. A graceful climber. Largely used for decorations and bouquets. Pkt., 10c; $\frac{1}{4}$ oz., 20c; per oz., 60c.

STOCKS

Large flowering dwarf. Ten weeks stocks.

- | | | | |
|-------------------------|--------|---------------------|--------|
| | PKT. | | PKT. |
| 2660. Blood Red, | \$0 10 | 2668. Pink, | \$0 10 |
| 2661. Crimson, | 10 | 2663. Blue, | 10 |
| 2662. White, | 10 | 2665. Mixed, | 10 |
2666. **Dwarf Wallflower Leaved, Mixed.** Pkt., 10c.
 2667. **Snowflake.** A fine variety, with very large and double pure white flowers. Pkt., 10c.
 2669. **Princess Alice** (*Cut and Come Again*). A perpetual blooming, double, pure white; excellent for cutting. Pkt., 10c.

SWEET WILLIAM (*Dianthus Barbatus*)

2741. **Perfection Single Mixed.** Pkt., 5c.; oz., 25c.
 2740. **Perfection Double Mixed.** Pkt., 10c.
 2742. **Auricula Flowered.** Choice single varieties. Pkt., 5c.

SUNFLOWER (*Helianthus*)

SINGLE VARIETIES

1511. **Miniature Sunflower** (*Cucumerifolius*). Dwarf branching habit, flowers orange with black centre. Oz., 25c; pkt., 5c.
 Stella. See Novelties, page 68.

DOUBLE VARIETIES

1510. **Californicus Plenissimus.** Extra large, double saffron-colored flowers. Pkt., 5c.
 1512. **Globosus Fistulosus** (*Dahlia Sunflower*). Flowers very double and of medium size. Pkt., 5c.

THUNBERGIA (*Black-Eyed Susan*)

A beautiful class of very ornamental climbers, suitable for greenhouse or outdoor culture.

2760. **Alba Oculata.** White, dark eye. Pkt., 5c.
 2761. **Aurantiaca.** Orange, dark eye. Pkt., 5c.
 2762. **Bakeri.** Pure white. Pkt., 5c.
 2763. **Fine, Mixed.** Choice shades. Pkt., 5c.; oz., 40c.
 2764. **Alata.** Buff, dark eye. Pkt., 5c.

TORENIA

Pretty summer plants for hanging baskets or borders.

2780. **Fournieri.** Sky blue, with a bright yellow throat. Pkt., 10c.
 2781. **Bailoni.** Golden yellow flowers, with a brownish red throat. Pkt., 10c.

TROPÆOLUM (*Canary Bird Flower*)

490. **Peregrinum.** Pkt., 5c.

VERBENA

New Mammoth. Our strain of Mammoth Verbenas is unexcelled; flowers of the largest size and brilliant colors.

- | | |
|---|------------------------------------|
| 2810. Mammoth White, | } Per pkt., 10c.; per oz., \$2.50. |
| 2811. " Scarlet, | |
| 2812. " Pink, | |
| 2813. " Purple, | |
| 2814. " Striped, | |
| 2815. " Mixed, | Pkt., 10c.; per oz., \$2.00. |
| 2825. Fine Mixed. | Pkt., 5c.; per oz., \$1.00. |
| 2826. Lemon Verbena (<i>Aloysia Citriodora</i>). | Pkt., 10c. |

VINCA

Beautiful free flowering plants, suitable for house culture or bedding purposes, blooming the first year from seed. Half-hardy perennial; $1\frac{1}{2}$ ft.

2840. **V. Rosea.** Rose, with dark eye. Pkt., 5c.
 2841. **V. Alba.** White, with crimson eye. Pkt., 5c.
 2842. **V. Alba Pura.** Pure white, exquisite. Pkt., 5c.

VIOLET (*Viola Odorata*)

A great favorite, much in demand on account of its abundant and fragrant bloom. Hardy perennial; $\frac{1}{2}$ ft.

2860. **V. Single White.** Sweet scented. Pkt., 10c.
 2861. **V. Single Blue.** Sweet scented. Pkt., 10c.
 2862. **V. Mixed.** Pkt., 10c.

WALLFLOWER (*Cherianthus Cheri*)

A handsome, popular plant, with massive spikes of fragrant flowers. Hardy perennial; 2 ft.

2900. **Wallflower, Double Mixed.** Yellow, brown and purple flowers. Pkt., 10c.
 2901. **Single Mixed.** Showy colors. Pkt., 5c.; oz., 25c.

ZINNIA

Large Flowering Double Dwarf.

- | | |
|---------------------------------|--------------------------------|
| 2930. Scarlet. Pkt., 5c. | 2932. White. Pkt., 5c. |
| 2931. Orange. Pkt., 5c. | 2933. Canary. Pkt., 5c. |

2942. **Striped Zebra.** A superb strain of this very popular flower, the petals being distinctly striped. They run through all shades known to the Zinnia, such as orange, crimson, pink, yellow, rose, violet and white. Pkt., 10c.

Double Liliput. Dwarf plants, fairly bristling with tiny double flowers.

- | | |
|------------------------------|---------------------------|
| 2934. Double Liliput. | Scarlet. Pkt., 10c. |
| 2935. " " | White. Pkt., 10c. |
| 2936. " " | Golden Yellow. Pkt., 10c. |
| 2937. " " | Mixed. Pkt., 10c. |

2938. **Curled and Crested.** Large flowers with twisted petals, great range of color. Pkt., 10c.

2939. **Dwarf Varieties.** Mixed. Oz., 60c; pkt., 5c.
 2940. **Tall Varieties.** Mixed. Oz., 30c; pkt., 5c.

The Choicest Roses

Grand New 1899 Climbing Rose

"Royal Cluster"

This fine new rose, now introduced for the first time, is an entirely hardy cluster-rose; it is a strong growing climber and a most profuse bloomer. The clusters are large, one cluster on the parent plant last year having 119 buds and blooms. The color is a rosy white, changing to white. The stamens are prominent and are a bright yellow, a striking feature. This is undoubtedly the finest cluster rose yet introduced. Price, 25c. each, by mail. Strong 2-year plants by express, 50c. each.

A Bunch of the New Ramblers

NEW YELLOW RAMBLER. (*Aglaia*.) An absolutely hardy yellow climbing rose. The blossoms are of moderate size and last three to four weeks without fading, and are frequently borne in clusters of from 120 to 150 flowers. 20c. each.

NEW PINK RAMBLER. Color a clear light red, with numerous golden anthers. A very profuse bloomer and vigorous grower. 20c. each.

NEW WHITE RAMBLER. Pure white, otherwise similar in every particular to Yellow Rambler. 20c. each.

CRIMSON RAMBLER. As we become more acquainted with the sterling qualities of this crimson beauty we find we have not praised it to the full measure of its deserts. No garden or yard should be without it. 15c. each.

By Mail—Set of 4 Ramblers, 60c., or with "Royal Cluster," 75c. By Express—Strong 2-year-old field plants, 35c. each, or set of 4 Ramblers, \$1.20; including "Royal Cluster," \$1.60.



Hardy Memorial Roses

For Cemetery Planting

ROSA WICHURAIANA

Creeps on the ground like ivy. Has dark green leaves and numberless satiny white flowers, with golden-yellow discs. Hardy as grass, and will grow in sun or shade. Specially adapted for use in cemeteries.

DOUBLE WHITE MEMORIAL ROSE (MIANDA'S TRIUMPH). A new Hybrid Wichuraiana of remarkable beauty. The flowers are medium size, perfectly double to the centre, pure white and very fragrant.

SOUTH ORANGE PERFECTION belongs to the same class as the above, blooms freely in clusters. Color, rosy blush, changing to white; the flowers are perfect rosettes in form, very pretty and entirely distinct from all others.

DOUBLE PINK MEMORIAL ROSE (Universal Favorite). Same as the Double White, except in color, which is clear bright pink; equally as beautiful as the Double White, and a charming companion for it.

PINK ROAMER. A more rampant grower than the others, and seems to combine the beauty of the Sweet Briar with the Wichuraiana. The flowers are single, and from two to three inches in diameter; rich pink, with silver white centre, and orange red stamens, exceedingly fragrant and picturesque.

Price of each of the above 5 Memorial Roses, 15c. each, or 1 each of the 5 sorts for 60c.



EVER-BLOOMING CLIMBER, WHITE PET.

New Climbing Roses

Ever-Blooming Climber

WHITE PET

This is a superb new variety that will please and delight everyone who wishes a pure white constant blooming climbing rose. It is a true ever-bloomer, and bears great clusters of snowy white blossoms continually all through the season. The flowers are deliciously fragrant.

THE EMPRESS OF CHINA is a hardy perpetual-blooming climbing rose; it resembles a tea rose; blooms the first year and all through the season. The color is soft, dark red, passing to light pink or apple-blossom. The flowers are medium size and quite fragrant.

NEW CLIMBING SOUVENIR OF WOOTTON. Entirely new and believed one of the best and most beautiful ever-blooming climbing roses yet produced. Pure, rich, velvety red, fully equal to Jacqueminot in color; delightfully sweet, and a most constant and profuse bloomer, every shoot producing a bud; extra large, fully double flowers, frequently over six inches across. A vigorous grower and quite hardy.

MARECHAL NEIL. (*Noisette*.) A most beautiful large golden yellow rose; very full and double and exceedingly fragrant. It is naturally a climbing rose, and should not be pruned too short.

BALTIMORE BELLE. Variegated red and white flowers in immense clusters, the whole plant appearing one mass of bloom.

Price, Climbers, 15 cents each, by mail, postpaid, or 1 each of the 5 varieties for 50 cents, postpaid.

Strong 2-year-old plants by express, at your expense, 35 cents each, or the 5 varieties for \$1.50.

Novelty Collection

EVER-BLOOMING ROSES

SOUVENIR DU PRESIDENT CARNOT

Is unquestionably the finest rose of its color introduced in a decade. It is very large, both in the bud and in the expanded flower, double to the centre, and opens beautifully. The coloring is a rosy flesh, very soft in the centre, and shaded with a lighter flesh at the end of the petals.

AUGUSTA VICTORIA. A grand new tea rose of vigorous growth and rich, handsome foliage, extra large, finely formed flowers, borne singly on strong, upright stems; very deep, full and sweet; color, pure white, shading to lemon-yellow; a free and constant bloomer; one of the very finest new roses introduced for years.

PRINCESS BONNIE (see cut).

The flowers of this grand rose are extra large and full, perfectly double and deliciously sweet; the color is solid rich crimson, exquisitely shaded; a constant and abundant bloomer, loaded with flowers the whole season; a hardy, vigorous grower, and one of the sweetest and most beautiful ever-blooming roses you can possibly have.

PALO ALTO. A splendid new rose from California, large, full and very sweet; color lovely chamois rose, delicately tinged at centre, with golden yellow and creamy white; a strong, vigorous grower and constant and abundant bloomer.

MAMEN COCHET. This is a truly grand rose. The flowers are extra large, very double, full and sweet, and borne on long stems, good for cutting; the color is deep coral pink, delicately tinted with silver rose; makes exquisite buds and is deliciously fragrant.

MARION DINGEE. Deep, brilliant crimson; one of the darkest and richest colored ever-blooming roses we have; beautiful cup-shaped flowers, quite full and fragrant and borne in great profusion all through the growing season.

PEARL RIVERS. This beautiful rose has large and full peachy-red buds; the prevailing color is ivory white; petals delicately shaded and bordered with pale rose; very beautiful and deliciously sweet.

COQUETTE DE LYON. Exquisite canary-yellow; large, full flowers, constant and most profuse bloomer.

PERLE DES JARDINS. Canary yellow; large, well-formed buds and flowers on strong stems; free bloomer.

BRIDESMAID. Clear rose pink with delicate crimson shadings. Has very fine buds.

Price Novelty Collection: 15c. each, or the choice 10 kinds for \$1.00, postpaid. Strong 2-year-old plants, by express, 35c. each, or the 10 for \$2.75.

OTHER EVER-BLOOMING ROSES

PRINCESS DE SAGAN. A fine new French rose, valuable for its buds and exquisite color. Producing beautiful buds of the brightest scarlet-crimson; medium size, semi-double and fragrant.

PINK SOUPERT. A lovely new ever-blooming rose, fully as beautiful as Clotilde Soupert, but deeper color; medium size flowers, perfectly full and double, very sweet; blooms all the time; color fine rose pink; quite hardy.

THE BRIDE. The best pure white ever-blooming rose. Extra large buds of exquisite form and delightful fragrance.

SAFRANO. One of the finest kinds for bedding. Rich apricot yellow, valued for its beautiful buds; constant bloomer.

MADAME AGATHA NABONNAND. Extra large buds, exquisitely beautiful; creamy yellow, tinged with rosy flesh.

MADAME CAMILE. A splendid rose, extra large, full and sweet, clear rosy flesh, changing to salmon; good free bloomer; very handsome.

MARIE GUILLOT. Pure snowy white, large, full flowers, constant bloomer; best for open ground.

MADAME JOSEPH SCHWARTZ. Pure white, tinted with rose; large, handsome flowers; very fragrant and beautiful.

MADAME F. KRUGER. Fine, large buds and flowers, soft rose pink, shaded crimson and amber.

ERNEST METZ. Fine, large, full flowers, clear satiny pink, beautifully shaded with rich crimson.

CLOTILDE SOUPERT. Extra fine for bedding, blooms in large clusters, covered with buds and flowers nearly all the time, rich creamy white with pink centre, very double and sweet.

BON SILENE. Noted for the great size and beauty of its buds; bright, rich, rosy crimson; good for both open ground and house culture.

PAPA GONTIER. A splendid rose; extra large, beautiful buds and flowers; rich, rosy red; full and sweet, and very highly recommended.

Price of each of above ever-bloomers, 10c. each; any 6 for 50c., or entire 13 for \$1.00, by mail, postpaid. Two-year-old plants, by express, 30c. each, or the set for \$3.50.



PRINCESS BONNIE.

Hardy Perpetual Roses

CHAMPION OF THE WORLD. This splendid, new, hardy, ever-blooming rose is said to be a cross between Hermosa and Magna Charta, and is claimed to be the Champion Bloomer and champion in hardiness, fragrance, vigor and color, and for winter bloom. It is certainly a very beautiful, hardy, ever-blooming rose that everyone likes; the color is deep, rich, rosy pink; the flowers are large, full and double, and deliciously sweet. The plant is vigorous and thrifty, and produces flowers abundantly all through the growing season. Price, 20c. each.

AMERICAN BEAUTY. Very large and very double; a deep rich rose. The fragrance resembling the old-fashioned Damask Rose. Price, 20c. each.

PAUL NEYRON. A magnificent Rose, one of the largest and finest of all; clear, shining pink; very double, full, and fragrant; excellent bloomer; grand every way. Price, 15c. each.

BALL OF SNOW. Large, pure white flowers, borne in great profusion, nearly as free-flowering as the ever-blooming roses. Price, 15c. each.

MAGNA CHARTA. Extra large, full flowers of unusual depth and substance; bright rosy pink; very grand, profuse bloomer. Price, 15c. each.

MAD. MASSON. Fine dark crimson, large, well-filled flowers; a most constant and profuse bloomer, highly prized for bedding. Price, 15c. each.

GENERAL JACQUEMINOT. Bright, shining crimson; very rich and velvety; exceedingly brilliant and handsome; one of the very best. Price, 15c. each.

FRANCOIS LEVET. Very large, full flowers, deep rich pink; handsome and good; a fine pot rose. Price, 15c. each.

GLORIE LYONAISE. A grand Rose, the nearest yellow of any hybrid perpetual; rich creamy white, tinged with orange. Price, 15c. each.

BARONNE DE BONSTETTEN. A very fine, large, rich dark crimson. Price, 15c. each.

Price, Hardy Perpetual Collection, 10 choice sorts, by mail, prepaid, for \$1.20.

Two-year-old plants, by express, at 50c. each, for Champion of the World and American Beauty, and 35c. each for the rest of the list.

LORD PENZANCE'S HYBRID SWEET BRIARS

These are crosses between the Common Sweet Briar and various old-fashioned garden roses. The flowers are single or semi-double. The plants are very vigorous and perfectly hardy, and the foliage of all of them is as sweetly scented as the Common Sweet Briar.

ANNE OF GEIERSTEIN. Dark pink, followed by an abundance of pretty clustered bunches of hips; branching habit. One of the best of the collection.

BRENDA. Blush white; dainty in color and shade; the contrast and effect of the bright golden anthers add peculiar charm to this variety. Should be in every selection.

AMY ROBSART. Lovely deep rose; buds and flowers most graceful sweet briar type; very sweet and an abundant bloomer.

Price of either above Sweet Briars, 20c. each, or 1 each of the 3 sorts for 50c.

NOVELTIES * IN * PLANTS



NEW LACE FERN.

New Lace Fern For Household Decoration

(*Aspidium Proliferum Walstoni*.)

A rare species of lady fern, valuable alike to the florist and as a house plant. Can be grown successfully in a cold room, and even under the most trying circumstances will make fine specimens as a parlor plant. There is no other fern that can compare with it in endurance and easy management. The large specimens will yield fronds 18 to 20 inches in length that can be used with grace and success in the finest floral pieces. The photographic illustration gives a good idea of its beautiful, finely cut foliage, but its beautiful dark green color has to be imagined. Price, 25 cents each; 3 for 60c.

Double Nasturtiums

Flowers are large and double as roses, of delicious fragrance and borne in profusion winter and summer. They are of climbing habit and will twine gracefully about the window or porch.

"Sunbeams." Bright golden yellow with carmine markings.

"Sunset." Rich orange crimson.

Price, each, 15c; 1 each for 25c; per doz., \$1.50.

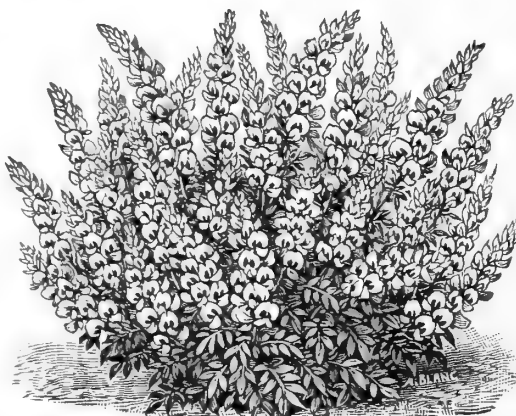
NOVELTY PLANT COLLECTION.

1 Plant each, described on this page, for only 80c.

Hardy White Clematis Paniculata

One of the most beautiful of our hardy fall-blooming vines. The flowers are pure white, very fragrant and are borne in great panicles or clusters of bloom, fairly covering the plant, so that it is a mass of fleecy white; the fragrance is delicious. Price, 20 cents each; 3 for 50 cents; 6 for \$1.00.

~~~~~  
One Plant each on this  
page for 80c.  
~~~~~



NEW FLOWERING PEA BUSH OR MONGOLIAN HONEYSUCKLE.

Mongolian Honey- suckle or Flowering Pea Bush

(*Hedysarum Multijugum*.)

This is an exceedingly handsome flowering shrub introduced from Mongolia. It attains a height of 5 to 6 feet, branching from close to the ground and spreading out widely in all directions. The flowers are of a deep violet red, with a white and yellow spot at the base of petals; borne in racemes 12 to 16 inches long and shaped like pea blossoms, from which it has been given the name "Flowering Pea Bush." It is exceedingly floriferous, being completely covered with flowers, and is really one of the very finest plants in our

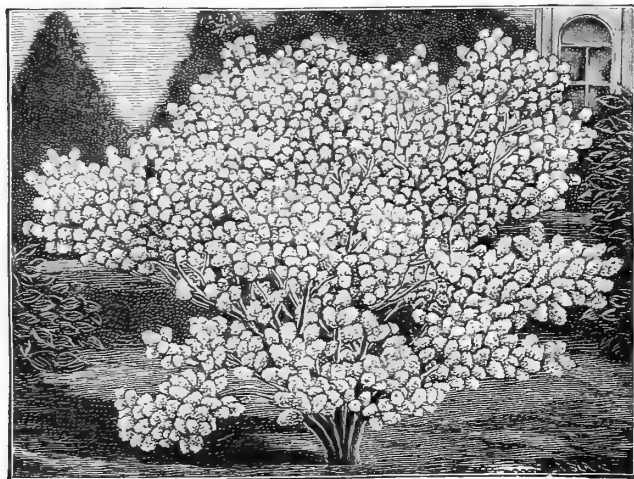
catalogue. It is of very easy cultivation, and its exceeding hardiness will make it a most welcome acquisition to gardens in the severe climate of the Northern United States and Canada, where many other fine garden plants do not withstand the winters. Price, 20c. each; 3 for 50c.

New Hardy Shrub "Yellow Horn"

(*Xanthoceras Sorbifolia*.)

Blooms almost as soon as the frost is out of the ground. The handsomest early flowering shrub known. The bushes completely covered with beautiful white and yellow flowers. Plants six inches high will bloom profusely. Will add beauty to the most magnificent of homes.

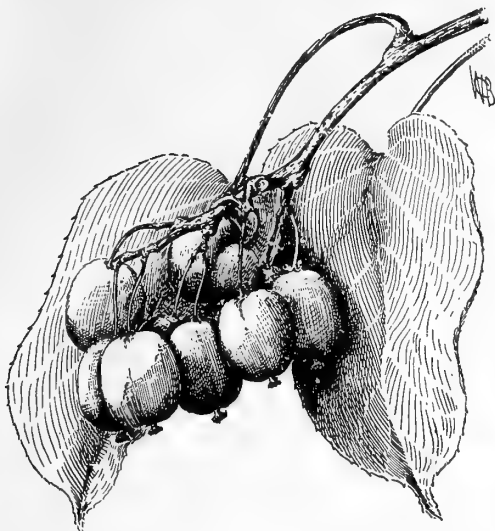
The name Yellow Horn is the literal translation of the botanical name *Xanthoceras*, and alludes to the yellow horn-like glands or nectaries between the petals. It is a shrub or small tree, reaching a height of 8 to 10 feet, having handsome light green foliage, resembling that of the Mountain Ash. The flowers are white, with a reddish copper-colored spot at base, and are disposed in racemes about 8 inches long. The flowers are so freely produced as to render the plant a perfect mass of bloom and remain in unimpaired beauty for a long time. Price, 20c. each; 3 for 50c.



NEW HARDY SHRUB "YELLOW HORN."

Actinidia Polygama

A New Japanese Climber—Very Choice



The above illustration was kindly loaned to us by Prof. L. H. Bailey, of Cornell University, who had it prepared for his forthcoming "Cyclopedia of Horticulture." He speaks of this new vine in the following favorable terms:

"**ACTINIDIA POLYGAMA** is a Japanese vine belonging to the Camellia or tea family. It is a woody climber, with large and very thick and glossy leaves, a strong grower, exceedingly hardy in central New York, and so far entirely free from any attack of insects or fungi. It bears large plum-shaped, greenish fruits, which are edible, having a slightly fig-like flavor. The flowers are in clusters of two or three, white, about one inch across, and fragrant. The whole aspect of the vine is very attractive, and it is one of the very best, if not the best, of arbor vines for the North." Price, 20c. each; 6 for \$1.00.



BEGONIA REX.

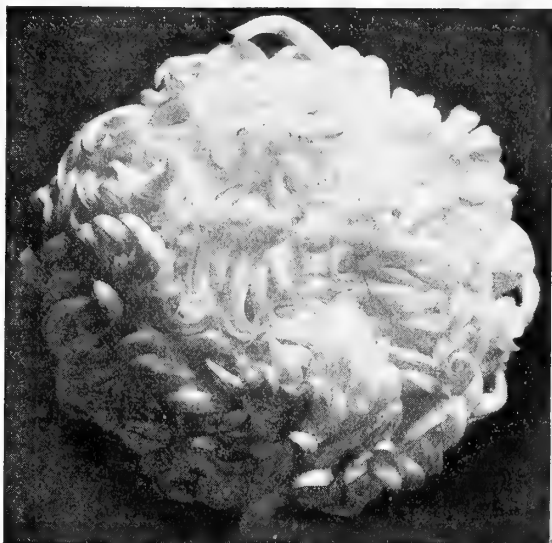
Begonia Rex

(Painted Leaf Varieties.)

We offer the most distinct and handsomely marked varieties of this beautiful class of Begonias. These are grown for their variegated foliage and are very desirable for house and garden decorations, in shady positions, and especially well adapted for baskets, vases, etc. 15c. each; 2 for 25c.

Choice Carnations

We offer one plant each of the finest new named sorts according to color, viz.: 1 each Yellow, White, Red, Pink and Striped for 50c., or 15c. each.



New Chrysanthemum, FRANK HARDY.

Choicest Chrysanthemums

FRANK HARDY. A large pure white, with petals beautifully twisted and curled.
HELEN BLOODGOOD. Beautiful clear pink.
MRS. GEO. M. PULLMAN. Large yellow.
EUGENE DAILLEDOUTE. Grand clear yellow.
PHILADELPHIA. White with lemon yellow.
IVORY. Satin white.
GEO. W. CHILDS. Self-colored crimson.
LADY PLAYFAIR. Incurred pearly pink.
MISS FLORENCE PULLMAN. Grand white.
GOLDEN WEDDING. Twisted yellow.
 Price, 12c. each, or the 10 for \$1.00.

Hardy Pompone Chrysanthemums

These beautiful hardy sorts are again coming to the front and are being largely planted for out-door bedding.
 6 choice sorts, all different, for 50c.

New Violets

New Mammoth Single Blue Violet, Luxione

The Luxione is a grand new French variety. Single flowers as large as a standard silver dollar. Deep ultramarine blue color and delicious fragrance. The upper petals are wider and better formed than in the California. It is a great improvement on that popular variety. Price, 15c. each; 6 for 60c.

PRINCESS OF WALES. Another grand single variety. A shade lighter in color than Luxione, and very fragrant. Price, 15c. each; 6 for 60c.

New California Violet

THE CALIFORNIA VIOLET is the most robust grower of all violets; flowers the size of a silver dollar; stems ten to fourteen inches in length; color and fragrance perfect; free from disease. Price, 10c. each; 6 for 50c.

Violet, Marie Louise

The well-known double light purple variety. We offer strong, healthy plants, so that any amateur will have no difficulty in growing them. Thousands of this peerless variety are grown for the flowers alone, to supply the cut-flower markets of the country during the winter season. Price, 10c. each; 6 for 50c.

Violet, Swanley White

The best pure white variety. Flowers perfectly double and fragrant. Price, 10c. each; 6 for 50c.

Violet, Lady Hume Campbell

A fine double blue variety. A great favorite with florists. Price, 10c. each; 6 for 50c.

Violet Collection, 6 for 50c. One plant each of the above six varieties for 50c.

SUMMER FLOWERING BULBS

TUBEROUS BEGONIAS

The Tuberous-rooted Begonias are among the handsomest of our summer flowering bulbs. They are not grown to the extent they should be. They bloom continuously throughout the summer, till frost cuts them. Planted either in the rockery or flower border, they rival the rose with their rich and varied colors, ranging from the most delicate shades of white, yellow and salmon to the most striking crimson and scarlet.

PRICES TUBEROUS BEGONIAS

	Each.	Doz.	100.
Single. Scarlet, Orange, Crimson, Pink, White, Yellow	\$0 10	\$1 00	\$7 00
Single. All colors mixed	08	85	6 00
Double. All colors mixed	15	1 50	10 00

LILIES

AURATUM. The Golden Banded Lily of Japan. This queen of lilies has immense blooms, measuring nearly a foot across. The large white petals are thickly spotted with rich chocolate crimson, and have a bright golden yellow band through the centre of each. Each, 15c.; 2 for 25c.; \$1.25 per doz., postpaid.

Speciosum Album. Large white flowers of great substance, with a greenish band running through the centre of each petal; very fine. 15c. each; \$1.50 per doz.; \$7.00 per 100.

Speciosum Rubrum. White, heavily spotted with rich crimson spots. 15c. each; \$1.50 per doz.; \$7.00 per 100.

LILY OF THE VALLEY

Selected 3-year-old Berlin Pips (sand-grown). For forcing, 25c. per doz.; bundles of 25 for 40c.; \$1.50 per 100; \$14.00 per 1,000. If wanted by mail, add 5c. per doz. for postage.

MONTBRETIAS

Remarkably showy and brilliant. From July to October they are one mass of flowers, spike after spike of the flame-like beauties appearing. Extra fine for cutting, their dash of color lighting up a heavy mass of flowers with grace. One of the most lovable flowers we know of, so graceful, bright and cheery. We offer two distinct varieties.

Crocsmæflora. Apricot yellow, ringed crimson.

Pottsii Grandiflora. Golden orange, outside bright red. 5c. each; 6 for 25c.; 40c. per dozen; \$3.00 per 100.



Gloxinias

This gorgeous exotic is as easily grown and cared for as many of the common flowers. They will bloom in three months from time seed is sown. They will bloom in six weeks from time dry bulb is planted. The flowers will last in water, when cut, over two weeks in perfect condition. They are the most magnificent table decoration we have in summer. Keep the bulbs in pots in the house, or on the veranda, in boxes or little frames outside, and you can cut the flowers all summer.

Price of good, strong bulbs in mixed colors, 10c. each; \$1.00 per dozen. For seed see page 76.



GLOXINIAS. 10c. each; \$1.00 per doz.

CALADIUMS

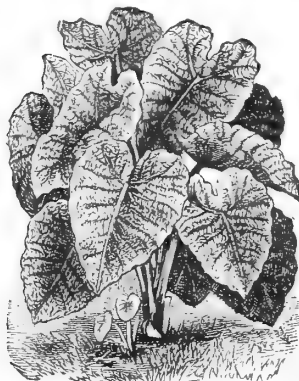
(Elephant's Ears.)

A very effective plant and suitable for either a single plant on the lawn, masses in beds or for margins of water, its very distinct, apron-like leaves often attaining the length of three feet by twenty inches wide. Bulbs can be stored in dry sand in winter, and kept from year to year. First size, 10c. each; \$1.00 per dozen. Second size, 15c. each; \$1.50 per dozen. Extra large bulbs, 25c. each; \$2.50 per dozen, postpaid.

Spotted-Leaf Calla

(*Richardia Alba Maculata*.)

This Calla resembles the White Calla, but is of a somewhat smaller habit. The leaves are of a glossy deep green, with numerous white spots, making it very ornamental at all times, even when not in bloom. It makes a splendid plant for borders, or beds, or pots. Price, each, 10c.; per doz., \$1.00.



CALADIUM ESCULENTUM.

Summer-

Flowering Oxalis

For bordering or margining, nothing can surpass the Summer-flowering Oxalis. The bulbs, when planted about 3 inches apart, produce an unbroken row of elegant foliage and pretty flowers, and as they bloom in a very short time after planting, furnish a neat and attractive border the whole season. No flower is easier grown than the Oxalis and is sure to succeed in all soils and situations. Bulbs planted first of May will flower by the first of June and produce their beautiful flowers uninterruptedly the whole Summer. In the Autumn the bulbs, which multiply wonderfully, can be lifted and stored in a cellar like Gladioli. Price per dozen, 10c.; per 100, 50c.



Large Flowering French Cannas

THE MOST DESIRABLE BEDDING PLANT FOR THE GARDEN

NEWEST ITALIAN ORCHID-FLOWERING SORTS.

CANNAS, General List

ALL STANDARD, WELL-TRIED VARIETIES

NEW SEEDLING CANNA, "BETHY STOKES." The finest clear spotless yellow yet introduced. Petals broad and firm. A continual and magnificent bloomer. Height, 3½ feet.

QUEEN CHARLOTTE. The queen of the gilt-edge varieties. In color it is an intense velvety crimson, melting into rich, broad, golden-yellow bands on the edges of the petals.

FLORENCE VAUGHAN. A bright, rich golden yellow, spotted with bright red.

PAUL BRUANT. An intense shade of orange scarlet, with a peculiar satiny surface.

MADAME CROZY. A dazzling crimson scarlet, bordered with golden yellow.

CHARLES HENDERSON. Large fiery crimson.

EGENDALE. Large, bright, cherry-red flowers.

PAUL MARQUANT. A bright salmon scarlet.

CAPTAIN P. DE SUZZONI. A rich canary yellow, spotted with cinnamon red.

FRANCOIS CROZY. Bright orange, bordered with a narrow edge of gold.

PRICE of any of above, except where price is given, 15c. each, or \$1.50 per dozen.

CANNA ROBUSTA. The large-leaved variety for tropical effect. 10c. each; \$1.00 per dozen.

GLADIOLUS

This magnificent family contains hundreds of varieties, comprising all imaginable colors, shades and variegations, from the most gorgeous and dazzling to the softest and most delicate shades. They deserve to be grown in every garden, no matter how large or small.

(In Separate Colors.)

	By mail.	By express.
	Each. Doz.	Per 100. Per 1,000.
Shades of Red mixed,	\$0 04	\$0 30 \$1 75
" " White mixed,		4 40 2 75
" " Pink mixed,		4 30 2 00
" " Yellow mixed,		5 50 3 00
" " Striped mixed,		4 40 2 50

SPECIAL CHEAP OFFER OF CHOICE GLADIOLUS. A mixture particularly rich in Lemoine's varieties.

	By mail.	By express.
	Each. Doz.	Per 100. Per 1,000.
1st size—Very large bulbs, . . .	\$0 05	\$0 35 \$1 75 \$11 00
2d " " Good size "	3	25 1 50 9 50
3d " " Blooming "	2	15 75 6 00
4th " " Small (many will bloom),		50 4 00

IRIS (Flower-de-Luce)

JAPANESE. Perfectly hardy, beautiful flowers, all colors, exquisitely mottled and veined. Bloom in July, and need a moist, sunny situation. Each, 10c.; \$1.00 per dozen.

GERMAN. These rival the orchid in variety of coloring, shape and shading. Perfectly hardy and adapted to all situations. Bloom in June. Each, 10c.; \$1.00 per dozen.

CINNAMON VINE

A beautiful rapid-growing summer climber, with clean, glossy foliage and spikes of delicious cinnamon-scented flowers; perfectly hardy, the stem dying down in winter, but growing with great rapidity in the spring. Insects do not trouble it. Roots, 10c. each; \$1.00 per dozen, all postpaid.

TUBEROSES

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs.

Excelsior Pearl. Extra large bulbs, 4c. each; 25c. per dozen; \$1.00 per 100; \$8.00 per 1,000.

TALL ITALIAN. Extra large bulbs, 4c. each; 25c. per doz.; \$1.25 per 100; \$10.00 per 1,000. Tuberoses by mail, 10c. per doz. and 50c. per 100, additional.



CINNAMON VINE. Each, 10c.

America. Of handsome, majestic growth, attaining a height of 6 feet; the magnificent bronzy foliage marked with green, having a peculiar lustre, appearing as if varnished; flowers rich orange salmon, feathered and veined with scarlet. 35c. each.

Allemania. This is perhaps the best of the Italian-type flowers, being exceptionally large, frequently measuring over 6½ inches across; the upper petals salmon, with broad border and markings of golden-yellow, while the lower petal is darker salmon, marked with yellow in the centre; a fine flower and possesses more substance than others of this type; dark green foliage; grows 6 feet high. 35c. each.

Africa. Similar in foliage and habit to America; flowers large, of rich orange-salmon, deepening to scarlet in the throat; height, 6 feet. 50c. each.

Italia is of a bright orange scarlet, with a very broad golden yellow border; the flowers, which are six inches across, are produced on massive stems about sixteen inches long, set well above the foliage. 25c. each.

Austria is a counterpart of Italia in every way, except in the color of its flowers, which are of a pure canary yellow, with but a few traces of small reddish brown spots in the centre of the two inside petals. 20c. each.

Mile. Berat. A decided acquisition on account of its color, which is the nearest approach to a pink in a first-class bedder. Many of the sorts heretofore offered as pink, while very pretty in the individual flower, have a "washed out" appearance both on the single plant or when planted in masses. In this variety, however, the larger the mass the finer the effect, and when planted in conjunction with yellows and high-colored reds it is simply superb; height, 4 feet. 25c. each.

Secrétaire Chabanne. A most pleasing variety, with large flowers of very rich salmon, a shade entirely distinct from any other sort; plant of uniform growth; about 4 feet high, and one of the freest-flowering varieties in the collection. 25c. each.

Baronne de Poilly. A most prolific flowerer, with large rounded petals which open out very full, making a perfectly round flower of excellent form; of a rich orange salmon color; foliage light green; habit compact; height, 3½ feet. 25c. each.

NOVELTY CANNA COLLECTION

One each of the above glorious varieties, comprising the very cream of all varieties, for only \$1.75.

HARDY HERBACEOUS PÆONIES

Magnificent and perfectly hardy plants, almost rivaling the rose in brilliancy of color and perfection of bloom. The fragrance of the large flowers resembles that of a highly-scented rose. They require little or no care, and if planted in ordinary garden soil, well enriched with good manure, will thrive splendidly and produce larger and finer blooms when fully established.

Separate Colors. Pink, White or Red, 25c. each; 5 for \$1.00.

Mixed Colors, embracing many beautiful and various sorts, 20c. each; \$2.00 per dozen.

TIGRIDIAS (Shell Flowers)

These are very easily cultivated, and always sure to bloom in any situation; their large and handsome flowers, resembling some of the peculiarly marked tropical shells, being greatly admired.

Pavonia Grandiflora. Large glowing crimson, centre variegated with yellow. A handsome sort, and deserves to be largely cultivated.

Conchiflora Yellow. Yellow, spotted crimson.

Alba White. Flowers large, pure white, spotted crimson.

All of the above, 5c. each; 6 for 25c.; 40c. per dozen.

Two bulbs each of the three Tigridias, 25 cents; 4 of each, 45 cents.

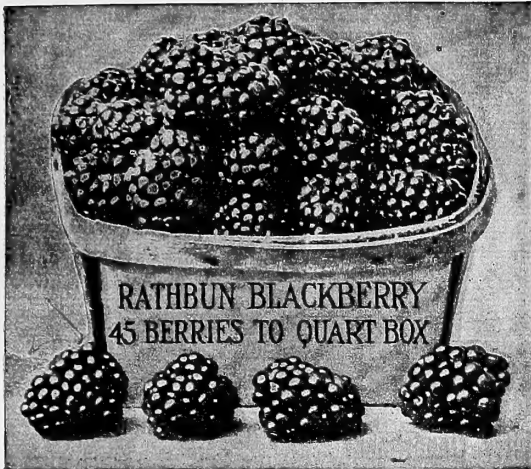
HYACINTHUS CANDICANS (The Giant Summer Flowering Cape Hyacinth)

Planted in the spring, they bloom in August and September. Foliage is extremely effective, resembling the Yucca. Very showy for the centre of a bed; also effective if grown in groups. The flower spikes are from 4 to 5 feet high, bearing from 20 to 30 large, bell-shaped, pure white, fragrant blossoms. Strong bulbs produce two or three and even four flower stems during the season. 5c. each; 50c. per doz.

CHOICE FRUITS AND NUTS

Space does not enable us to give detailed descriptions of all varieties, but fuller ones will be given by letter as desired. A certificate of inspection is sent with all fruit tree orders.

BLACKBERRIES



RATHBUN. A rare novelty in fruits. The largest, finest, sweetest Blackberry ever known. See illustration. Price, 15c. each; \$1.50 per dozen; \$8.00 per 100.

ICEBERG (see cut). A White Blackberry. A rare novelty, produced by that "Wizard of Horticulture," Luther Burbank. They are not only white, but transparent. Very prolific sweet and tender, though as firm as the Lawton when ripe. Price, 20c. each; \$2.00 per dozen; \$10.00 per 100.

ELDORADO. New; very hardy; no core. Very sweet, with the flavor of the wild berry. Prolific and of good size.

ERIE. Hardy; productive, large and of good quality.

KITTATINNY. Very large; medium to late. Not hardy north of New York City. Price, 50c. per doz.; \$2.50 per 100.

CURRENTS

NEW VARIETIES

PRES. WILDER. In size of bunch and berry, color and quality of fruit, the Wilder is much superior to Fay's prolific. Price, \$1.00 per dozen; \$6.00 per 100.

MOORE'S RUBY. Not so large as Wilder. Later. Very sweet and free from acid. Price, \$1.00 per dozen; \$6.00 per 100.

PRINCE ALBERT. Large and most productive of any; quite acid; good for jelly. Price, \$1.00 per doz.; \$6.00 per 100.

	Per doz.	Per 100.
CHERRY. Large red. 1 year . . .	50c.	\$2 00
2 " . . .	75c.	2 50
VICTORIA. Very late. 1 " . . .	50c.	2 00
2 " . . .	75c.	2 50
WHITE GRAPE. 1 " . . .	25c.	1 50
2 " . . .	50c.	2 00
FAY'S PROLIFIC. 1 " . . .	50c.	2 00
2 " . . .	75c.	2 50

GOOSEBERRIES

Industry. The best of the English sorts. Early, very large. 20c. each; \$2.00 per dozen.

Downing. Large, pale green. Good for family use.

	Doz.	100.
1-year	75c.	\$3.00
2- "	\$1.00	4.00

RASPBERRIES

Miller. Large, early red, very productive. 10c. each; 25c. dozen; \$1.50 per 100.

Cuthbert. Large, late red, very productive. 10c. each; 25c. per dozen; \$1.00 per 100.

Golden Queen. Large, yellow, excellent quality, very productive and a good shipper. 50c. per dozen; \$1.50 per 100.

Gregg. The best Black Cap. 30c. per dozen; \$1.00 per 100.

GRAPES

Catawba. Red late.

Brighton. Red early.

Concord. Black.

Niagara. White.

Moore's Early. Large Black.

Price of each above choice grapes, strong 2-year-old vines, 20c. each; \$1.50 per dozen; \$10.00 per 100.

FRUIT TREES

APPLES, by express only.

Mammoth Black Twig. A fine winter apple. A seedling of the Winesap, which it resembles, but is superior in many ways. Price, 2-year, 25c. each; \$2.00 per doz.; \$12.00 per 100.

Starr. Large pale green fruit. Fruits young. Early; from July to September. Good for eating and cooking. Price, 2-year, 50c. each; \$5.50 per dozen.

Bismarck. A novelty; fruiting at 2 years old. Large, handsome, hardy. Price, 25c. each; \$2.50 per dozen.

Red Astrachan. Large summer red.

Orange Pippin. Yellow autumn sort.

Maiden Blush. Beautiful blush cheek.

Baldwin. Crisp, juicy, winter red.

Ben Davis. Striped winter.

Wealthy. Red streaked winter.

Rambo. Yellow and red striped winter.

Rome Beauty. Pale yellow, shaded red winter.

Price of above, except where priced, 2-year, each, 15c.; \$1.50 per dozen; \$12.00 per 100.

PEACHES, by express only.

Plant 16 feet apart each way; 170 trees per acre.

Sneed. A new early peach; a grand sort. Large, beautiful red on sunny side; flesh white; very sweet and juicy; bears shipping well.

Triumph. The earliest yellow freestone yet introduced. Large size and small pit.

Greensboro. A freestone; early; white flesh, very juicy; beautiful crimson, with yellowish cast.

Mountain Rose. Freestone; pink flesh.

Old Mixon. Creamy white; popular.

Stump the World. White, red cheek.

Fox Seedling. White flesh; good shipper.

Crawford's Late. Best late yellow; free.

Price of each of above choice sorts:

	Each.	Doz.	100.
3 to 4 feet	15c.	\$1.00	\$5.00
4 to 6 "	20c.	2.00	6.00

PEARS, by express only.

Plant 15 x 20 feet; 145 trees per acre.

The Koonce. Very early and fine quality. Yellow, with red cheek; spicy, juicy and sweet; free from blight.

Clapp's Favorite. Large early; bright yellow.

Bartlett. The old favorite.

LeConte. Bell-shaped; pale yellow; good to plant with Keiffer.

Seckel. Small yellowish russet; rich, melting, juicy.

Keiffer. The money-bringer. Very prolific, fine-looking, sells freely. Ripens in October.

Prices of above pears:

	Each.	Doz.	100.
2-year, 4 to 6 feet	35c.	\$2.50	\$17.50
Extra 3-year	50c.	3.50	25.00

NUT TREES

The culture of nuts has become very profitable, and large orchards are being put out to good purpose.

Chestnuts

We have a wonderful variety of Japanese, European and American varieties and invite correspondence.

Parry's Giant. The largest known.

Each, grafted 1-year \$1.00 each. \$10.00 per dozen.

2- " 1.50 " 15.00 " "

Early Reliance. Early; tree dwarf; spreading habit. Begins to bear at 1 year. Very large and runs 3 to 5 nuts to the burr.

Each, grafted 1-year \$1.50 each. \$15.00 per dozen.

2- " 2.00 " 20.00 " "

Superb. Japan. Enormous bearer of large, fine nuts; good for market.

Price same as **Early Reliance.**

Spanish. An ornamental tree with large fine nuts; profitable. 20c. each; \$2.00 per dozen.

Numbo. Spanish. Very hardy and productive; large nuts.

Price, 1-year 75c. each. \$7.50 per dozen.

2- " \$1.00 " 10.00 " "

Walnuts

Japan. Hardy; nut sweet and good quality.

English. Not hardy north of New York. Thin-shelled delicious nut.

American. A valuable tree.

	Each.	Doz.	100.
Price, above walnuts:	25c.	\$2.00	\$15.00
1-year	50c.	4.00	30.00
2- "	50c.	4.00	30.00

Pecans. 30c. each; \$2.50 per dozen.

Shellbarks. 30c. each; \$2.50 per dozen.

Filberts. 30c. each; \$2.50 per dozen.

Almonds. 30c. each; \$2.00 per dozen.

Butternuts. 30c. each; \$2.50 per dozen.



SHERIFF. No. 22,764.



CAN'T YOU TALK?



STUD COLLIE "FLORACROFT RAB." No. 42,484.



WHO'S THAT?



HARD LUCK.



WHITE WYANDOTTES

SINGLE COMB BROWN
LEGHORNS.

BUFF COCHINS.



BRONZE TURKEYS.

Live Stock and Poultry Department

This has developed into a large and important department of our business. We have had a large experience in shipping, and guarantee their safe arrival at destination.

SCOTCH COLLIE SHEPHERD DOGS

The Collie is the most intelligent of all dogs, is easily educated, a good watch-dog and protector of our yards and herds, a household pet and children's friend, a loyal and affectionate comrade and messenger.

In every poultry establishment or dairy or stock farm there is enough for an intelligent Collie to do to save the employment of an extra hand.

Color.—We prefer sable and white, as we think they make the handsomest dogs, but we often have them black and tan and black and white, and white with tan spots.

Breeding.—Our Stud Dogs and Breeding Bitches are all pedigreed and registered in the American Kennel Club stud book, and in their veins runs the bluest of blue blood. All of our pups are furnished with pedigree, and they can be registered at an additional cost of \$1.00, which is the Club's fee.

Price.—Price of Puppies largely depends upon breeding and individual specimens. We can mostly supply good males at \$10 to \$15 each, and females at \$8 to \$10 each; \$17 to \$25 per pair.

For extra selected pups we get from \$15 to \$25 each.

Spayed Females.—Many prefer these to any others, and they make very satisfactory house dogs. Keep at home and attend to their business. Price same as males.

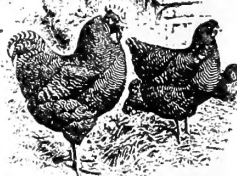
POULTRY SUPPLIES

In this department we have everything needed in the up-to-date Poultry Yard. Our special Poultry Supply Catalogue will be sent on application.

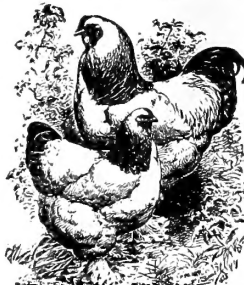
POULTRY PRICE-LIST

Below we give an abridged list of prices of fowls and eggs:

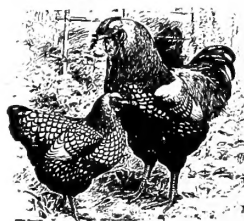
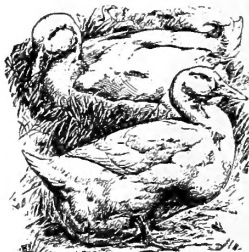
	Good	Extra	Selected	Per	Eggs	Eggs
	Cockerel.	Cockerel.	Trio.	per 13.	per 26.	
White Wyandottes, . . .	\$3 00	\$5 00	\$9 00	\$2 00	\$3 75	
Golden Wyandottes, . . .	3 00	5 00	9 00	2 00	3 75	
White Plymouth Rocks, . . .	3 00	5 00	9 00	1 50	3 00	
Barred Plymouth Rocks, . . .	3 00	5 00	9 00	1 50	3 00	
Indian Games, . . .	4 00	6 00	10 00	2 50	4 50	
Langshaus, . . .	3 00	5 00	9 00	1 50	3 00	
Light Brahmans, . . .	3 00	5 00	9 00	1 50	3 00	
White Leghorns, . . .	3 00	5 00	9 00	1 50	3 00	
Brown Leghorns, . . .	3 00	5 00	9 00	1 50	3 00	
B. B. Red Games, . . .	3 00	5 00	9 00	2 00	3 50	
Buff Cochins, . . .	3 00	5 00	9 00	1 50	3 00	
Mammoth Bronze Turkeys, . . .	7 00	8 00	15 00	2 50	4 50	
Pekin Ducks, . . .	3 50	5 00	8 00	80	1 50	



BARRED PLYMOUTH ROCKS.



LIGHT BRAHMANS.

GOLDEN AND SILVER
WYANDOTTES.

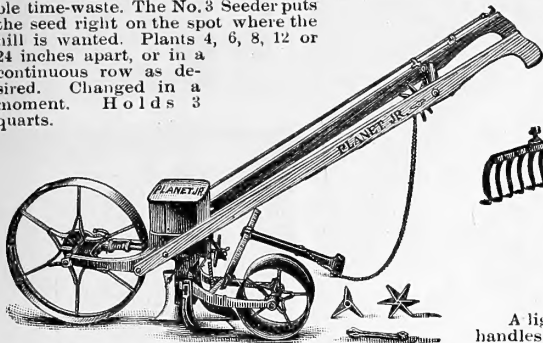
WHITE PEKIN DUCKS.

"Planet Jr." Tools for 1899

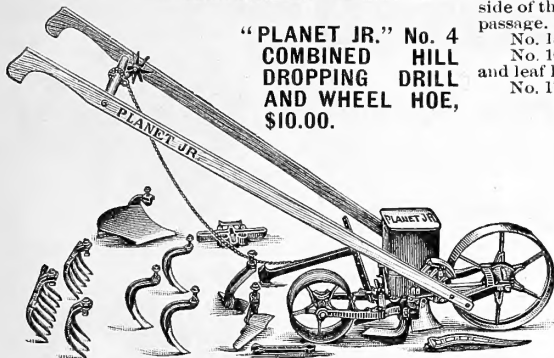
A complete illustrated catalogue of these admirable labor-savers sent on application. Great improvements have been made for 1899.

"PLANET JR." No. 3 HILL DROPPING SEEDER, \$9.00.

Planting in rows and thinning afterward is a terrible time-waste. The No. 3 Seeder puts the seed right on the spot where the hill is wanted. Plants 4, 6, 8, 12 or 24 inches apart, or in a continuous row as desired. Changed in a moment. Holds 3 quarts.

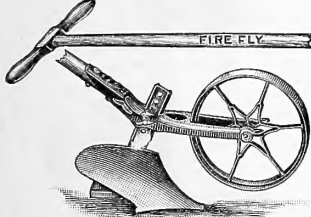


"PLANET JR." No. 4 COMBINED HILL DROPPING DRILL AND WHEEL HOE, \$10.00.



The Drill is the same as the No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the "Planet Jr." Single Wheel Hoes. This gives you the "whole business" in one tool.

"FIRE FLY" PLOW, \$2.00.



Invaluable for use in small gardens. Mold-board of tempered and polished steel. The depth is easily and quickly changed.

Very useful to plow up chicken yards.

"PLANET JR." SINGLE WHEEL HOE. \$6.00.



A light, inexpensive and extremely efficient tool. Frame and handles are adjustable, and wheels can be changed to the other side of the frame, when both sides of the row can be hoed at one passage.

No. 15, with 12 tools, as shown in cut, \$6.00.

No. 16, with plow, two hoes, three cultivator teeth, two rakes and leaf lifter, \$5.00.

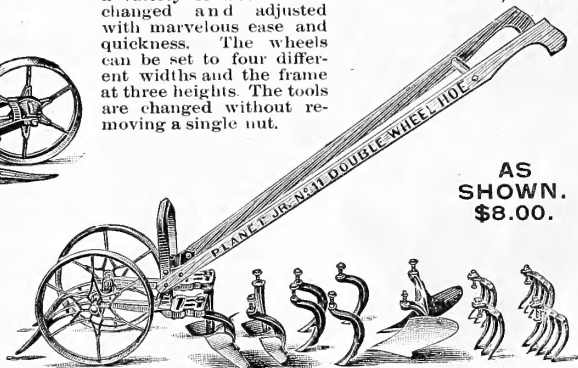
No. 17, with plow, two hoes, and three cultivator teeth, \$4.00.

No. 18, with six inch hoes only, \$3.00.

"PLANET JR." DOUBLE WHEEL HOE.

This Wheel Hoe is a famous labor-saver. It will do a variety of work that is almost incredible, and it is changed and adjusted with marvelous ease and quickness. The wheels can be set to four different widths and the frame at three heights. The tools are changed without removing a single nut.

AS SHOWN. \$8.00.



No. 11, Wheel Hoe, with eight pairs of tools, as shown in cut, \$8.00.

No. 12, with plows, hoes, wide and narrow cultivator teeth and leaf lifters, \$6.00.

No. 13, with six inch hoes only, \$4.00.

"PLANET JR." No. 2 SEED DRILL, \$6.50.

Its strong points are perfect work and extreme simplicity—no agitators, no belts, no gearing. Sows the seed at a uniform depth and in a very narrow line, making easy and rapid work for the Wheel Hoe.

SPRAY YOUR FRUIT TREES.

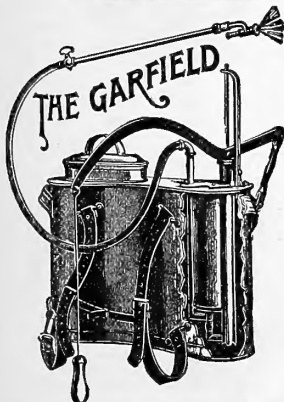
We have a very complete line of insecticides and force pumps, and we issue a special "spraying outfit" circular, which we mail upon request.

"STANDARD" BUCKET PUMP, with pipe extension. This is an unusually good pump. The pumping is done by the downward stroke, so it is held firm and steady without a foot-rest. Fitted with extension pipe and nozzle that will throw a fine mist or solid stream, as needed. All brass working parts. Price, \$2.50.

EMPIRE QUEEN PUMP. Has mechanical agitator; all brass working parts; a good air chamber. Price, without barrel, fitted with five feet of hose and graduating nozzle, \$8.00.

EMPIRE KING PUMP. Similar to Empire Queen, but much larger and more powerful. Has two Eureka nozzles on two ten-foot sections of heavy hose, so two rows of trees or vines can be sprayed at one time. Has mechanical agitator and all brass working parts. Price, \$10.00.

GARFIELD KNAPSACK SPRAYER. For applying Bordeaux Mixture and other fluid remedies in a mist-like spray, for the treatment of grapes and other vegetation, for the prevention and cure of mildew, black rot and kindred diseases. The machine is made entirely of copper and brass, and the chemicals will not corrode or rust it. The air chamber keeps up a pressure so a continuous discharge is given. (See cut.) Price, \$10.00.



"GARFIELD" KNAPSACK SPRAYER WITH AGITATOR. Price, \$10.00.



STANDARD BUCKET PUMP. \$2.50.

JOHNSON & STOKES

PHILADELPHIA, PA.



"ROCKY FORD"
THE GREAT
COLORADO
WATERMELON
NEVER
BREAKS DOWN
IN SHIPPING

"BLACK BOULDER"
THE BEST WATERMELON FOR
MARKET GARDENERS AND
SHIPPERS. PKT. 10¢
1/4 LB. 60¢
LB. \$2.00.



"ROCKY FORD"
SURPASSES ALL MELONS
AS A SHIPPER AND LONG KEEPER
SELECTED SEED - PKT. 10¢ OZ. 20¢
1/4 LB. 50¢ LB. \$1.25.

NEW TOMATO FOR 1899
"EARLY BIRD"
THE EARLIEST TOMATO IN THE WORLD.
PKT. 15¢ OZ. 40¢ 1/4 LB. \$1.25 LB. \$4.00

NEW BEET FOR 1899
NOW CALLED "THE METEOR"
THE BEST YET. PKT. 10¢ OZ. 15¢
1/4 LB. 35¢ LB. \$1.25